

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG041219\
 Data File : BG040457.D
 Acq On : 12 Apr 2019 12:07
 Operator : JU/SJ
 Sample : PB118819BL
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Apr 12 22:39:38 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG032719.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 28 05:47:00 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.04	152	49521	20.00	ng	-0.03
21) Naphthalene-d8	10.86	136	202001	20.00	ng	-0.03
39) Acenaphthene-d10	14.67	164	128146	20.00	ng	-0.03
64) Phenanthrene-d10	17.42	188	356893	20.00	ng	-0.03
76) Chrysene-d12	21.69	240	392242	20.00	ng	-0.04
87) Perylene-d12	24.97	264	382455	20.00	ng	-0.06

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.60	112	307125	103.10	ng	-0.02
7) Phenol-d6	7.20	99	427318	103.80	ng	-0.03
23) Nitrobenzene-d5	9.22	82	247439	65.11	ng	-0.03
42) 2,4,6-Tribromophenol	16.16	330	150379	108.58	ng	-0.03
45) 2-Fluorobiphenyl	13.30	172	594675	68.76	ng	-0.03
79) Terphenyl-d14	20.02	244	1117865	64.11	ng	-0.03

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.53	88	59	0.042	ng	# 1
3) Pyridine	4.32	79	60	0.016	ng	# 15
4) n-Nitrosodimethylamine	3.82	42	441	0.253	ng	# 1
6) Aniline	7.57	93	495	0.093	ng	# 1
8) 2-Chlorophenol	7.60	128	56	0.016	ng	# 1
9) Benzaldehyde	7.20	77	701	0.248	ng	# 2
10) Phenol	7.57	94	711	0.159	ng	# 1
11) bis(2-Chloroethyl)ether	7.57	93	495	0.138	ng	# 1
12) 1,3-Dichlorobenzene	8.37	146	62	0.016	ng	# 1
13) 1,4-Dichlorobenzene	8.37	146	62	0.016	ng	# 1
14) 1,2-Dichlorobenzene	8.37	146	62	0.017	ng	# 1
15) Benzyl Alcohol	8.36	79	3794	1.144	ng	# 62
19) n-Nitroso-di-n-propylamine	9.22	70	30953	10.487	ng	# 76
22) Acetophenone	9.02	105	53	0.011	ng	# 48
24) Nitrobenzene	9.23	77	465	0.118	ng	# 38
25) Isophorone	9.51	82	351	0.045	ng	# 67
26) 2-Nitrophenol	9.80	139	58	0.031	ng	# 32
28) bis(2-Chloroethoxy)methane	10.18	93	56	0.012	ng	# 49
31) Naphthalene	10.88	128	57	0.006	ng	# 68
34) Hexachlorobutadiene	11.52	225	60	0.027	ng	# 17
46) 1,1'-Biphenyl	13.51	154	729	0.072	ng	# 79
48) 2-Nitroaniline	13.30	65	839	0.320	ng	# 21
51) 2,6-Dinitrotoluene	14.67	165	16882	7.497	ng	# 27
52) Acenaphthene	14.76	154	55	0.007	ng	# 3
53) 3-Nitroaniline	14.69	138	78	0.033	ng	# 1
57) 2,4-Dinitrotoluene	14.67	165	16882	5.395	ng	# 27
58) Fluorene	16.16	166	6559	0.688	ng	# 83
59) 2,3,4,6-Tetrachlorophenol	15.49	232	57	0.022	ng	# 41
63) Azobenzene	16.15	77	705	0.073	ng	# 33
65) 4,6-Dinitro-2-methylphenol	16.16	198	334	0.167	ng	# 1
66) n-Nitrosodiphenylamine	16.16	169	5746	0.550	ng	# 42
67) 4-Bromophenyl-phenylether	16.16	248	10378	2.584	ng	# 1
71) Phenanthrene	17.47	178	59	0.003	ng	# 58
72) Anthracene	17.47	178	59	0.003	ng	# 59

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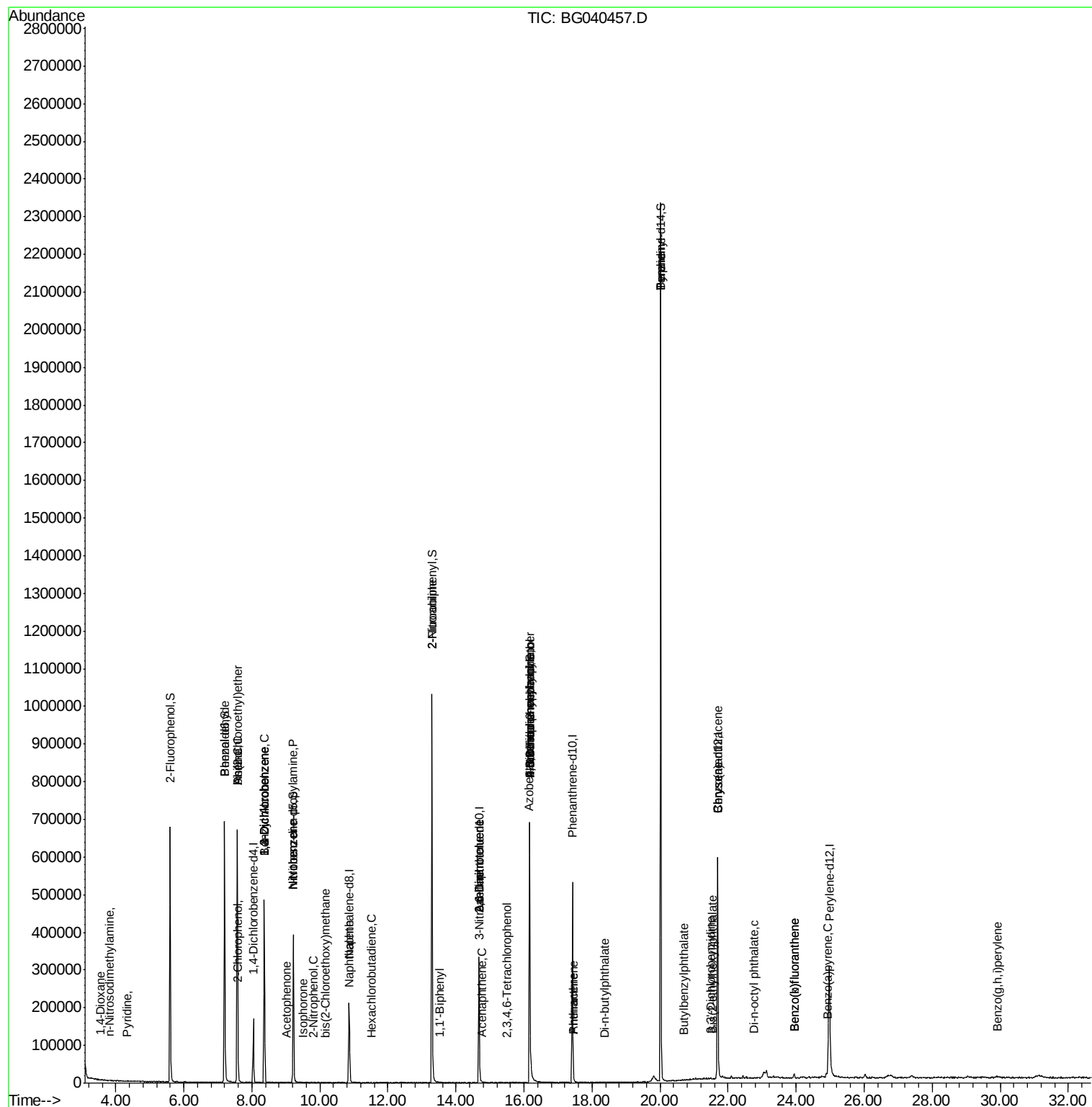
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
74) Di-n-butylphthalate	18.36	149	467	0.022	ng	# 77
77) Benzidine	20.02	184	17015	1.201	ng	# 94
78) Pyrene	20.02	202	4414	0.171	ng	# 69
80) Butylbenzylphthalate	20.70	149	163	0.015	ng	# 23
81) Benzo(a)anthracene	21.69	228	1024	0.042	ng	# 58
82) 3,3'-Dichlorobenzidine	21.50	252	146	0.016	ng	# 26
83) Chrysene	21.69	228	1024	0.044	ng	# 56
84) Bis(2-ethylhexyl)phthalate	21.56	149	326	0.021	ng	# 50
85) Di-n-octyl phthalate	22.76	149	148	0.006	ng	# 1
88) Benzo(b)fluoranthene	23.96	252	54	0.002	ng	# 60
89) Benzo(k)fluoranthene	23.96	252	54	0.003	ng	# 59
90) Benzo(a)pyrene	24.92	252	123	0.006	ng	# 59
92) Benzo(a,h,i)perylene	29.92	276	54	0.003	ng	# 55

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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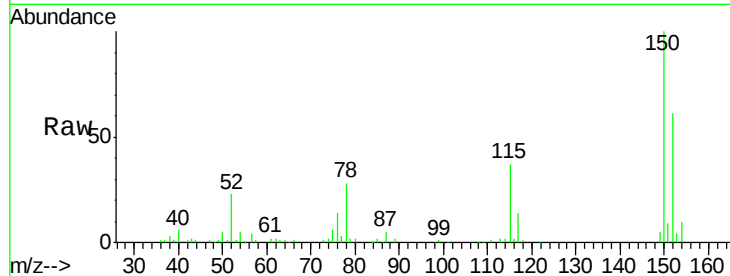


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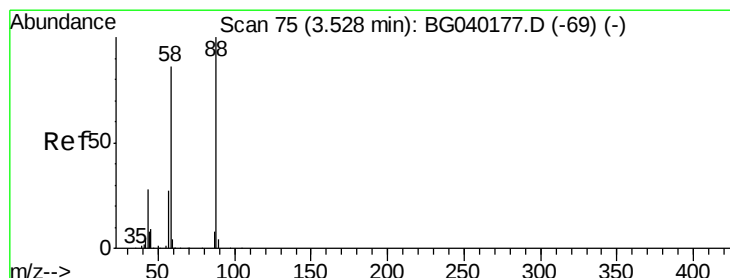
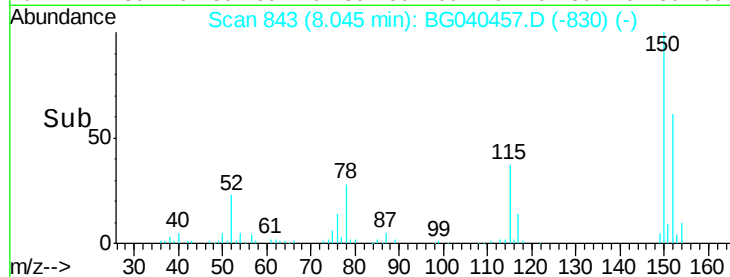
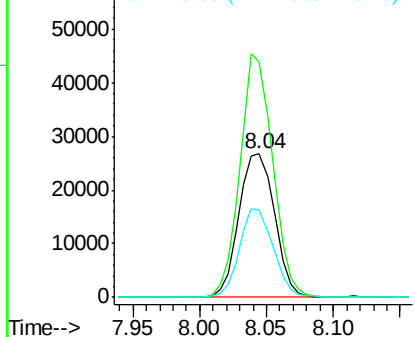
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.04 min Scan# 843
Delta R.T. -0.03 min
Lab File: BG040457.D
Acq: 12 Apr 2019 12:07

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 49521
Ion Ratio Lower Upper
152 100
150 164.5 123.7 185.5
115 61.1 46.9 70.3



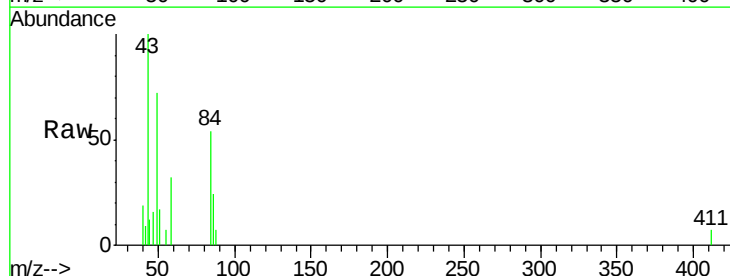
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



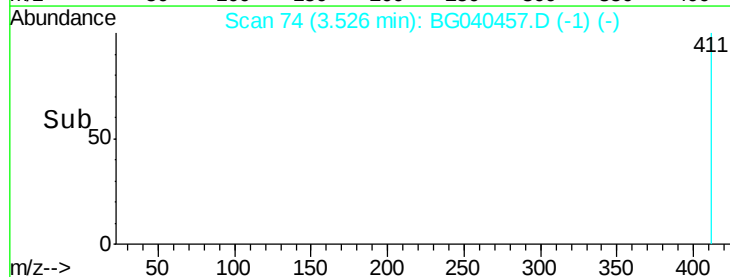
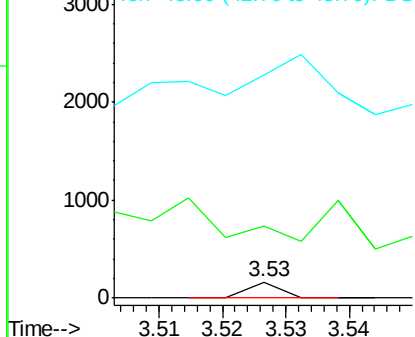
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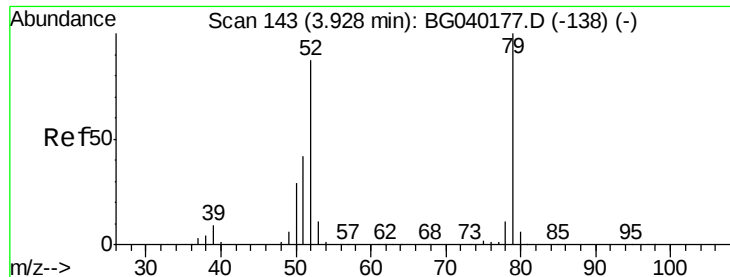
1,4-Dioxane
Concen: 0.042 ng
RT: 3.53 min Scan# 74
Delta R.T. -0.00 min
Lab File: BG040457.D
Acq: 12 Apr 2019 12:07

Tgt Ion: 88 Resp: 59
Ion Ratio Lower Upper
88 100
58 1025.4 70.6 106.0#
43 744.1 24.8 37.2#



Abundance Ion 88.00 (87.70 to 88.70): BGC
Ion 58.00 (57.70 to 58.70): BGC
Ion 43.00 (42.70 to 43.70): BGC





#3

Pvridine

Concen: 0.016 ng

RT: 4.32 min Scan# 209

Delta R.T. 0.39 min

Lab File: BG040457.D

Acq: 12 Apr 2019 12:07

Instrument :

BNA_G

ClientSampleId :

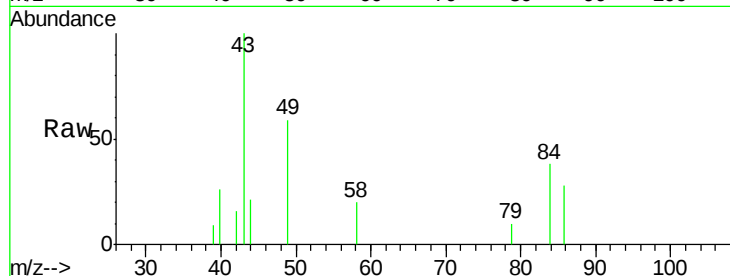
Tot Ion: 79 Resp: 60

Ion Ratio Lower Upper

79 100

52 0.0 69.8 104.8#

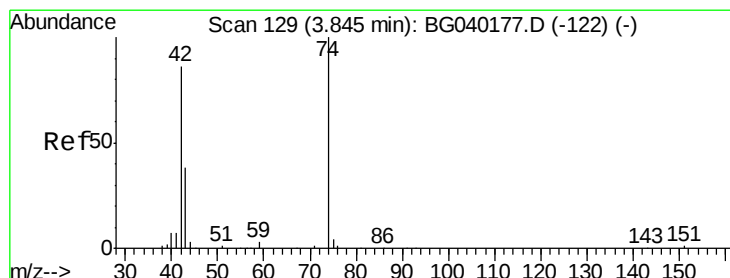
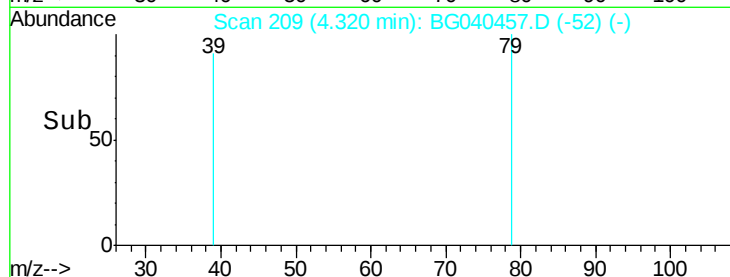
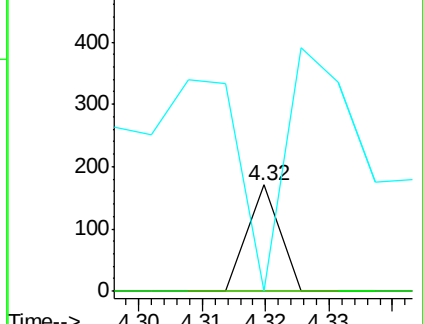
51 0.0 33.9 50.9#



Abundance Ion 79.00 (78.70 to 79.70): BGC

Ion 52.00 (51.70 to 52.70): BGC

Ion 51.00 (50.70 to 51.70): BGC



#4

n-Nitrosodimethylamine

Concen: 0.253 ng

RT: 3.82 min Scan# 124

Delta R.T. -0.03 min

Lab File: BG040457.D

Acq: 12 Apr 2019 12:07

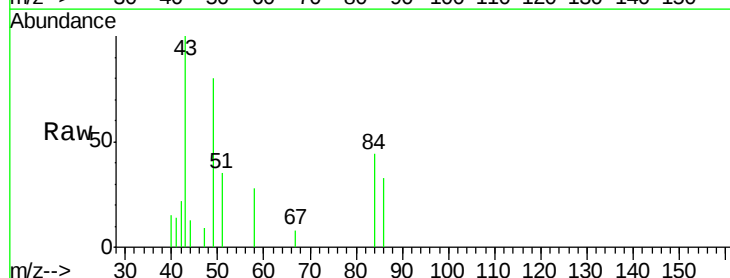
Tgt Ion: 42 Resp: 441

Ion Ratio Lower Upper

42 100

74 0.0 92.9 139.3#

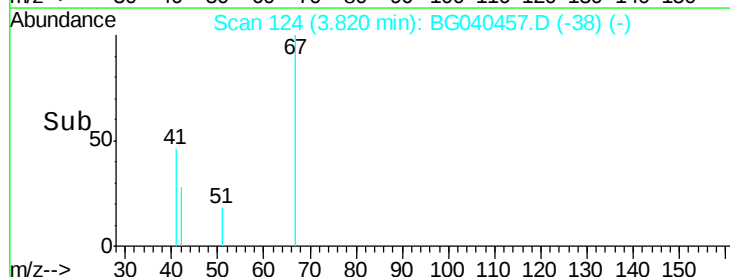
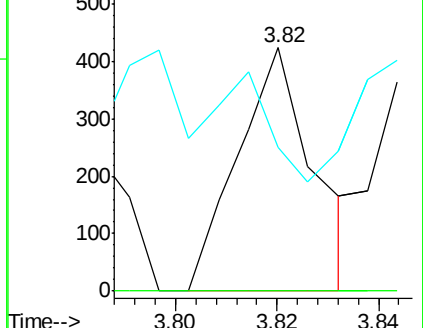
44 59.0 9.7 14.5#

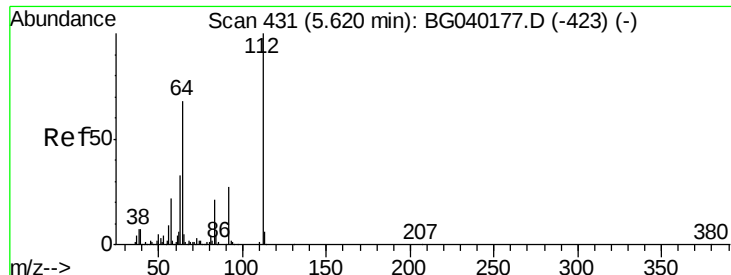


Abundance Ion 42.00 (41.70 to 42.70): BGC

Ion 74.00 (73.70 to 74.70): BGC

Ion 44.00 (43.70 to 44.70): BGC





#5

2-Fluorophenol

Concen: 103.101 ng

RT: 5.60 min Scan# 427

Delta R.T. -0.02 min

Lab File: BG040457.D

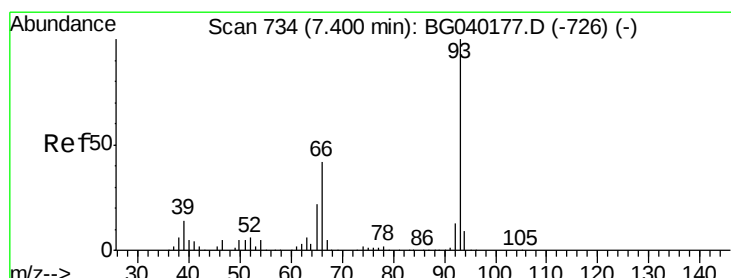
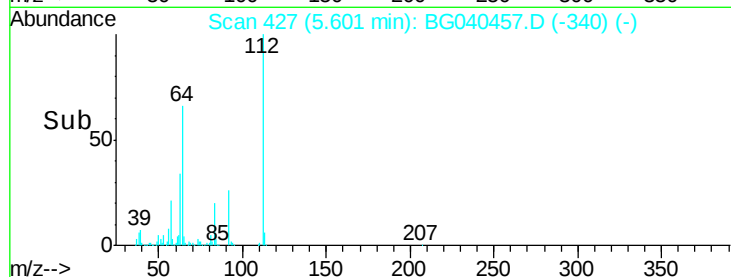
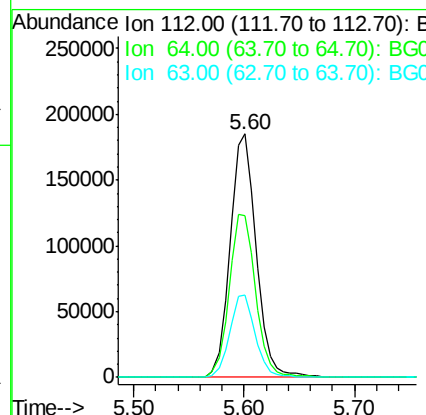
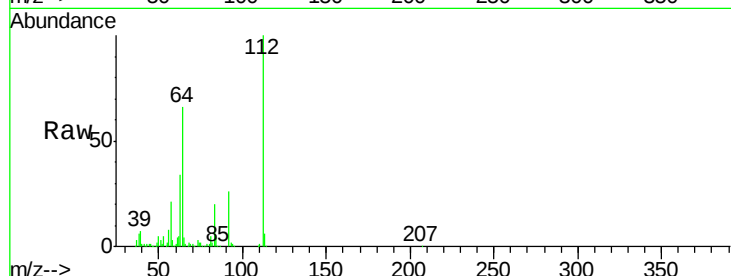
Acq: 12 Apr 2019 12:07

Instrument :

BNA_G

ClientSampled :

Tot Ion:	112	Resp:	307125
Ion	Ratio	Lower	Upper
112	100		
64	66.2	54.2	81.2
63	34.0	26.4	39.6



#6

Aniline

Concen: 0.093 ng

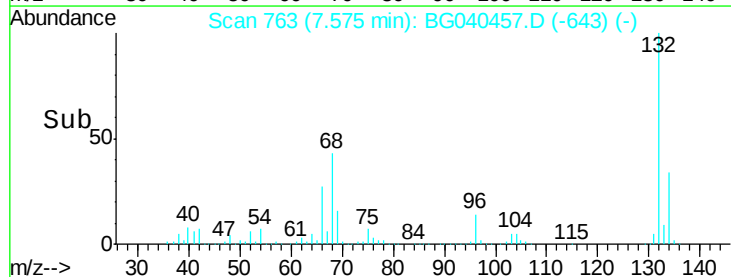
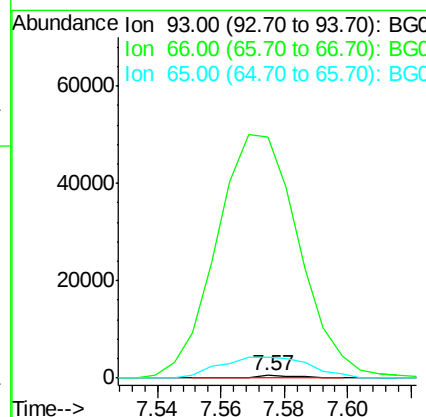
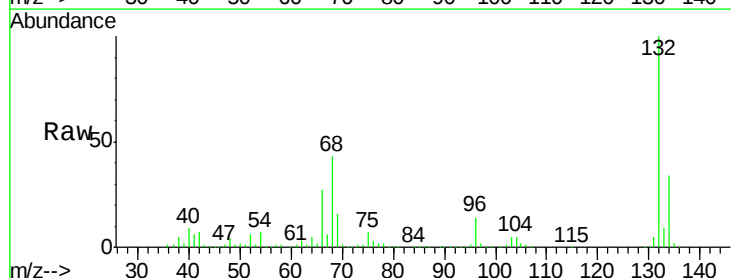
RT: 7.57 min Scan# 763

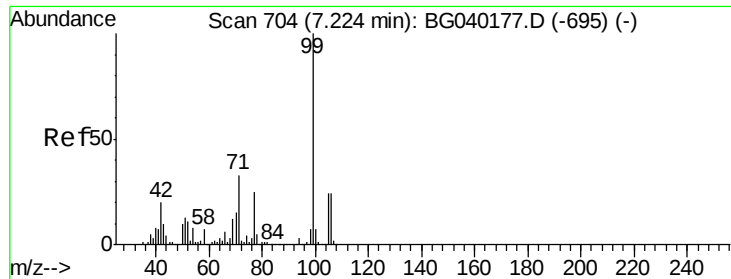
Delta R.T. 0.17 min

Lab File: BG040457.D

Acq: 12 Apr 2019 12:07

Tgt Ion:	93	Resp:	495
Ion	Ratio	Lower	Upper
93	100		
66	8954.8	33.6	50.4#
65	798.2	17.4	26.2#





#7

Phenol-d6

Concen: 103.798 ng

RT: 7.20 min Scan# 699

Delta R.T. -0.03 min

Lab File: BG040457.D

Acq: 12 Apr 2019 12:07

Instrument :

BNA_G

ClientSampleId :

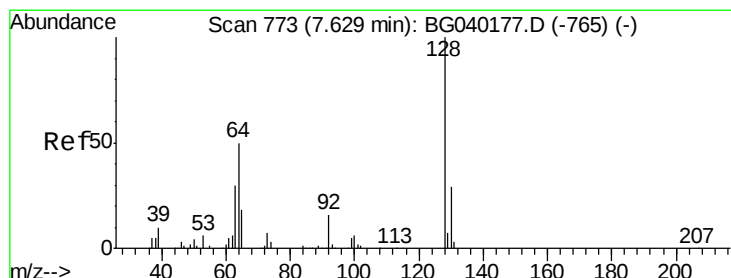
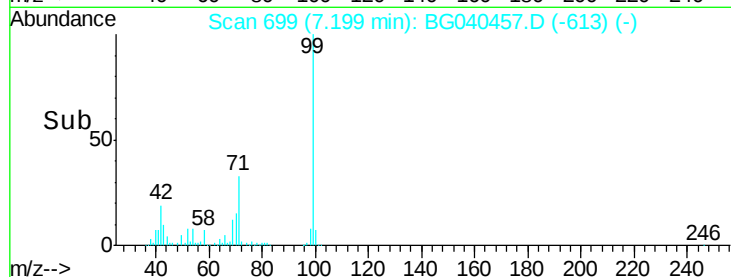
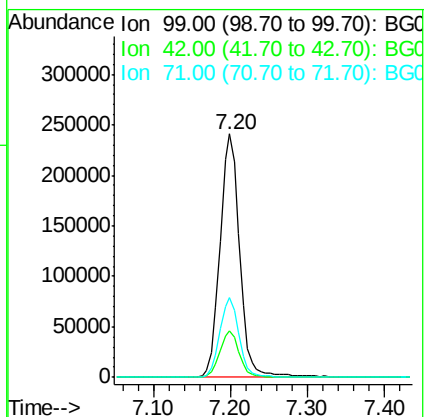
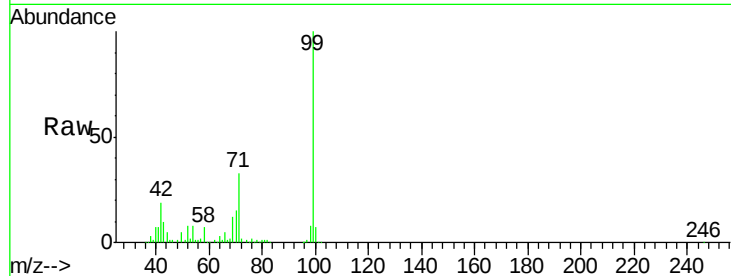
Tot Ion: 99 Resp: 427318

Ion Ratio Lower Upper

99 100

42 18.9 16.2 24.2

71 32.7 26.8 40.2



#8

2-Chlorophenol

Concen: 0.016 ng

RT: 7.60 min Scan# 767

Delta R.T. -0.03 min

Lab File: BG040457.D

Acq: 12 Apr 2019 12:07

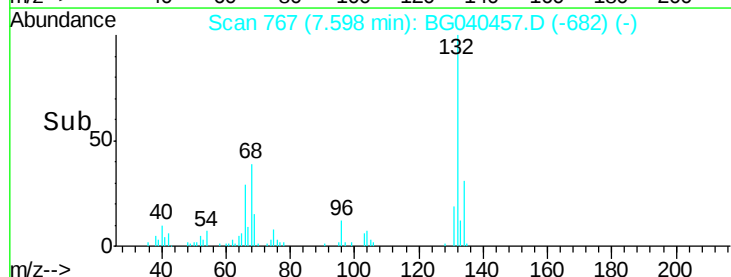
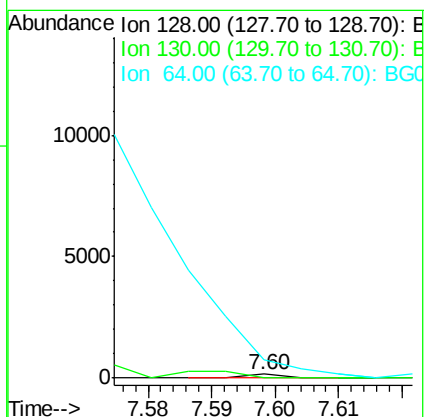
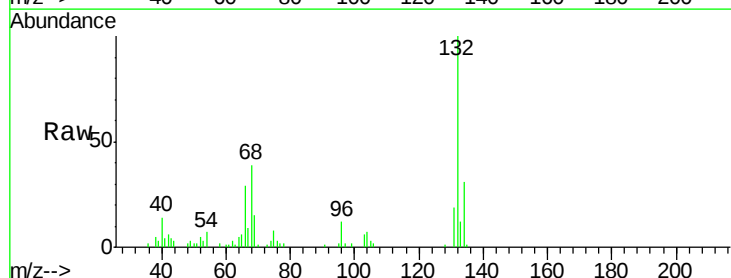
Tgt Ion: 128 Resp: 56

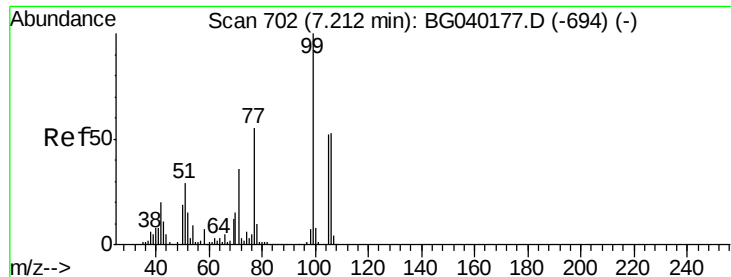
Ion Ratio Lower Upper

128 100

130 0.0 9.1 49.1#

64 468.1 33.1 73.1#





#9

Benzaldehyde

Concen: 0.248 ng

RT: 7.20 min Scan# 699

Delta R.T. -0.01 min

Lab File: BG040457.D

Acq: 12 Apr 2019 12:07

Instrument :

BNA_G

ClientSampleId :

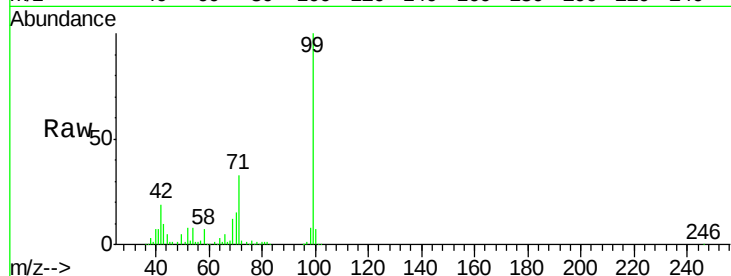
Tot Ion: 77 Resp: 701

Ion Ratio Lower Upper

77 100

105 0.0 75.0 115.0#

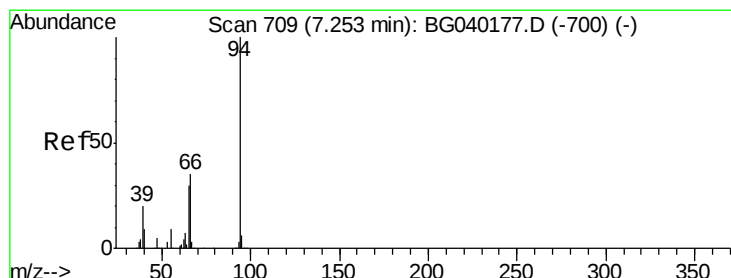
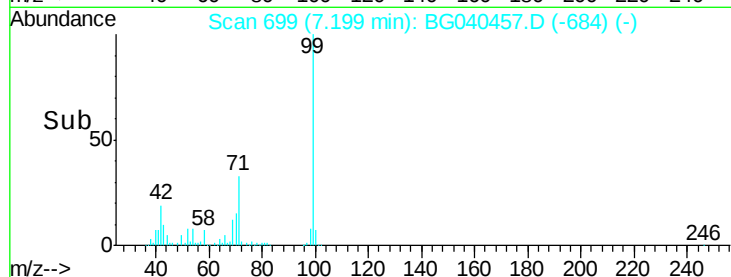
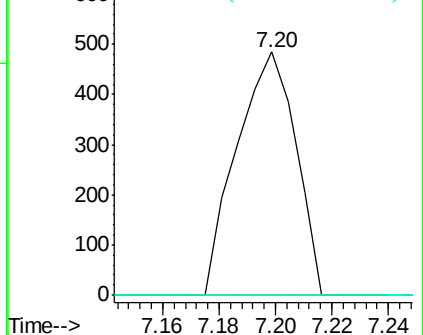
106 0.0 75.7 115.7#



Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 105.00 (104.70 to 105.70): BGC

Ion 106.00 (105.70 to 106.70): BGC



#10

Phenol

Concen: 0.159 ng

RT: 7.57 min Scan# 762

Delta R.T. 0.32 min

Lab File: BG040457.D

Acq: 12 Apr 2019 12:07

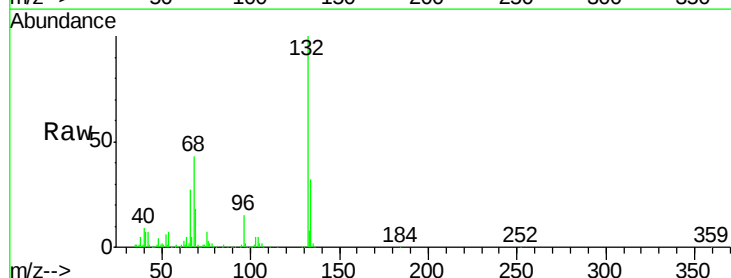
Tgt Ion: 94 Resp: 711

Ion Ratio Lower Upper

94 100

65 784.8 10.5 50.5#

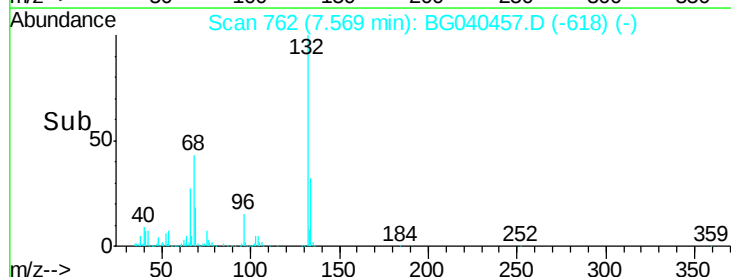
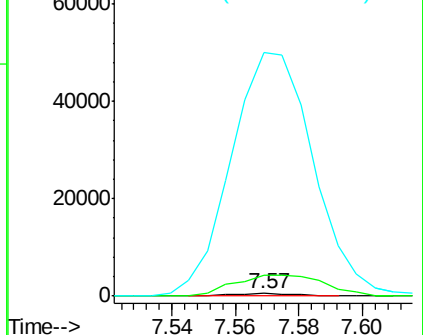
66 8868.1 16.9 56.9#



Abundance Ion 94.00 (93.70 to 94.70): BGC

Ion 65.00 (64.70 to 65.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

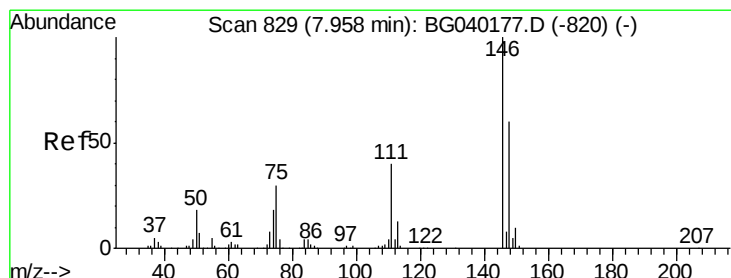
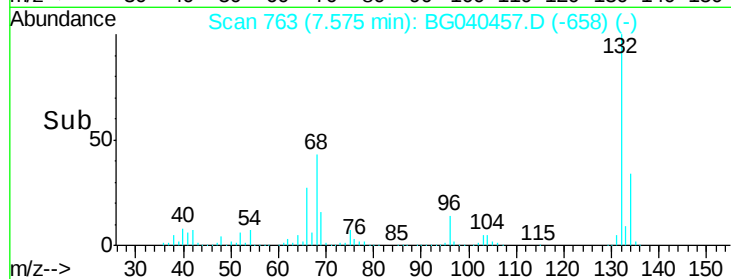
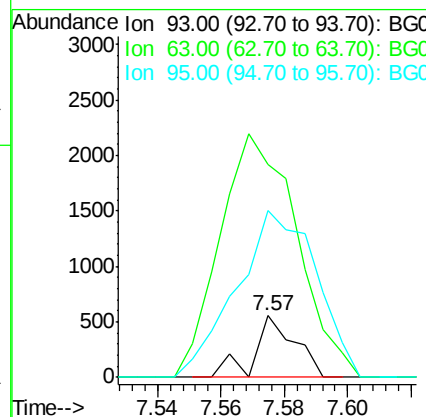
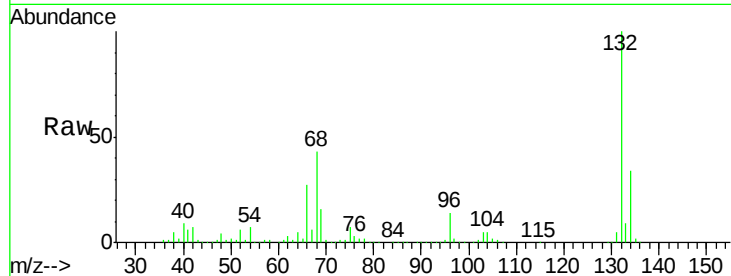




#11
bis(2-Chloroethyl)ether
Concen: 0.138 ng
RT: 7.57 min Scan# 763
Delta R.T. 0.09 min
Lab File: BG040457.D
Acq: 12 Apr 2019 12:07

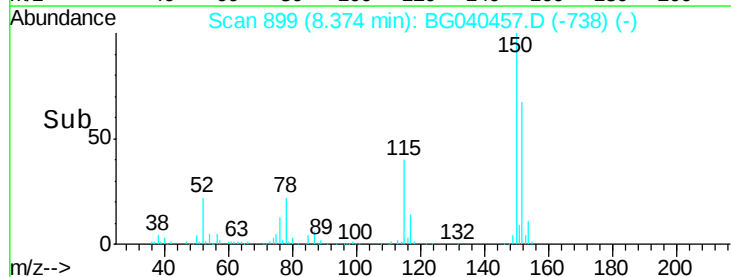
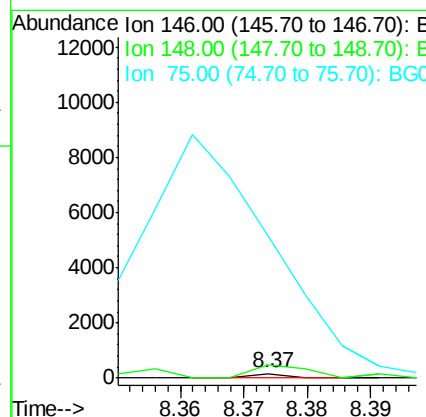
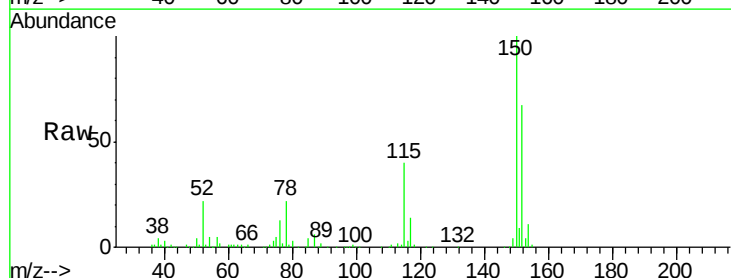
Instrument :
BNA_G
ClientSampleId :

Tot Ion: 93 Resp: 495
Ion Ratio Lower Upper
93 100
63 347.4 64.2 104.2#
95 272.2 14.0 54.0#



#12
1,3-Dichlorobenzene
Concen: 0.016 ng
RT: 8.37 min Scan# 899
Delta R.T. 0.42 min
Lab File: BG040457.D
Acq: 12 Apr 2019 12:07

Tgt Ion: 146 Resp: 62
Ion Ratio Lower Upper
146 100
148 261.0 48.2 72.2#
75 2926.0 24.1 36.1#

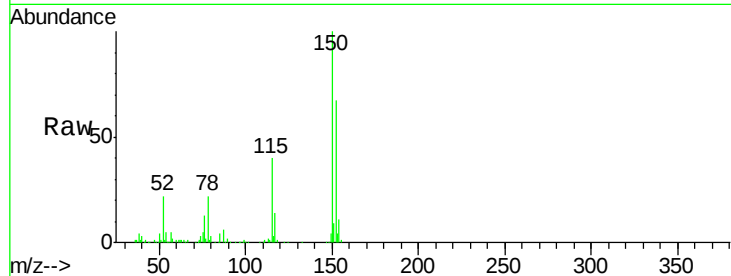




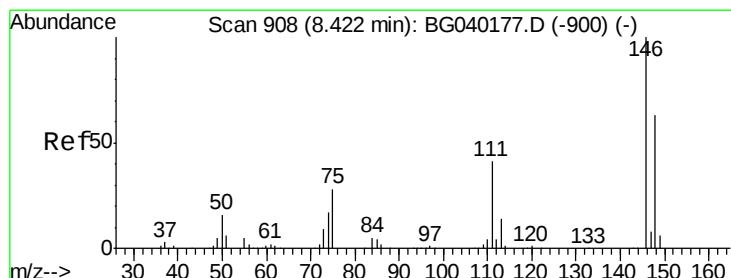
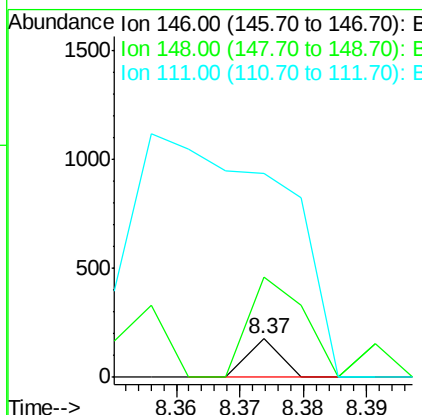
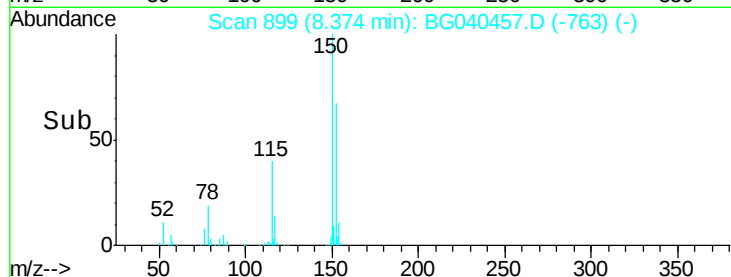
#13
 1,4-Dichlorobenzene
 Concen: 0.016 ng
 RT: 8.37 min Scan# 899
 Delta R.T. 0.27 min
 Lab File: BG040457.D
 Acq: 12 Apr 2019 12:07

Instrument :
 BNA_G
 ClientSampled :

Tot Ion:146 Resp: 62
 Ion Ratio Lower Upper
 146 100
 148 261.0 51.0 76.4#
 111 528.8 31.8 47.6#

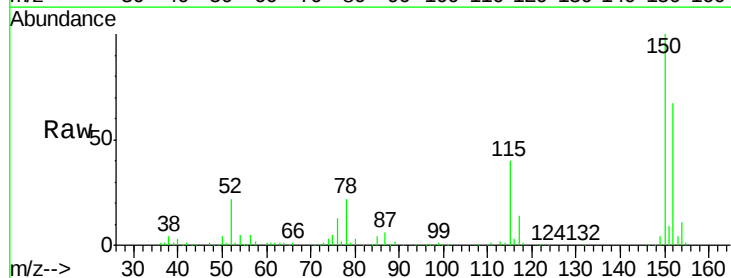


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

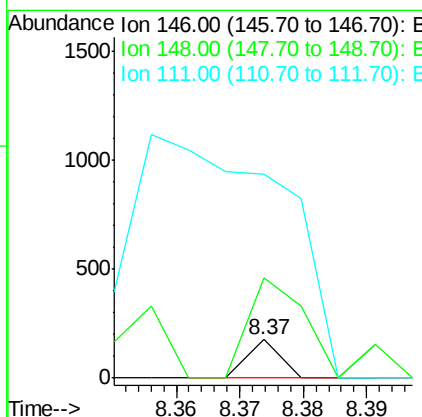
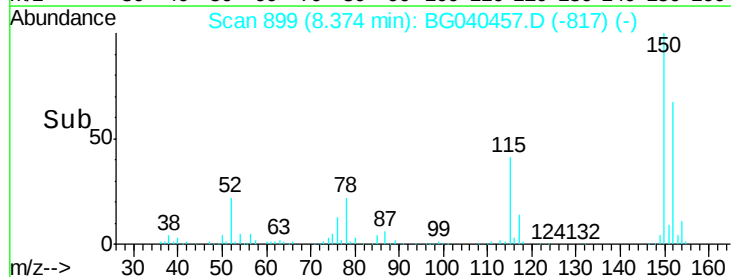


#14
 1,2-Dichlorobenzene
 Concen: 0.017 ng
 RT: 8.37 min Scan# 899
 Delta R.T. -0.05 min
 Lab File: BG040457.D
 Acq: 12 Apr 2019 12:07

Tgt Ion:146 Resp: 62
 Ion Ratio Lower Upper
 146 100
 148 261.0 50.8 76.2#
 111 528.8 33.4 50.0#



Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 1.144 ng

RT: 8.36 min Scan# 897

Delta R.T. 0.05 min

Lab File: BG040457.D

Acq: 12 Apr 2019 12:07

Instrument :

BNA_G

ClientSampleId :

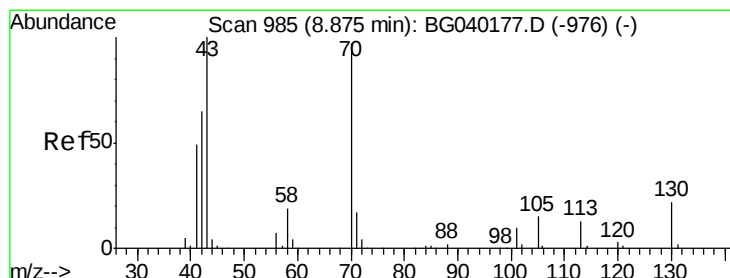
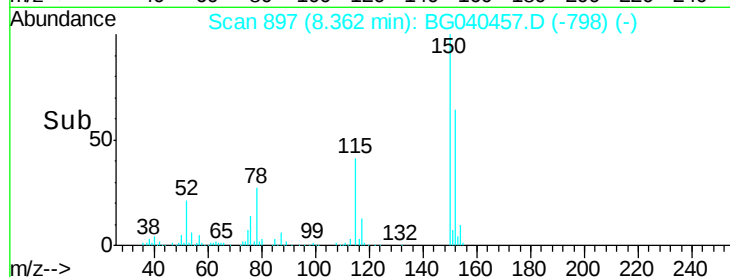
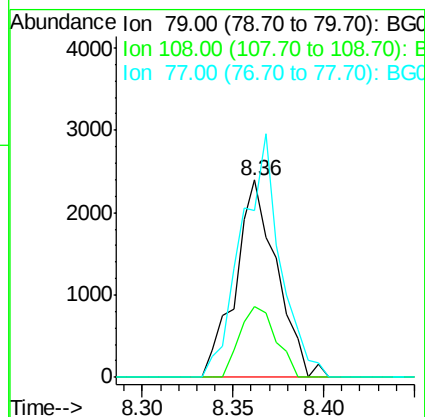
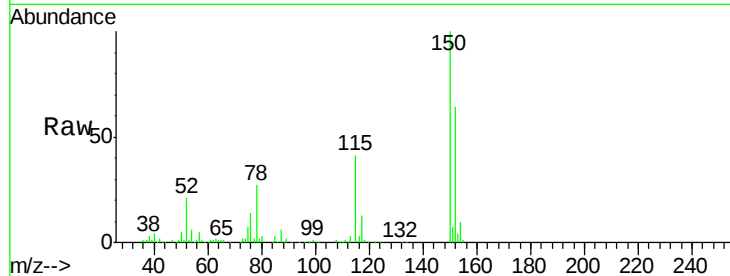
Tot Ion: 79 Resp: 3794

Ion Ratio Lower Upper

79 100

108 36.1 62.1 93.1#

77 84.9 51.9 77.9#



#19

n-Nitroso-di-n-propylamine

Concen: 10.487 ng

RT: 9.22 min Scan# 1043

Delta R.T. 0.34 min

Lab File: BG040457.D

Acq: 12 Apr 2019 12:07

Tgt Ion: 70 Resp: 30953

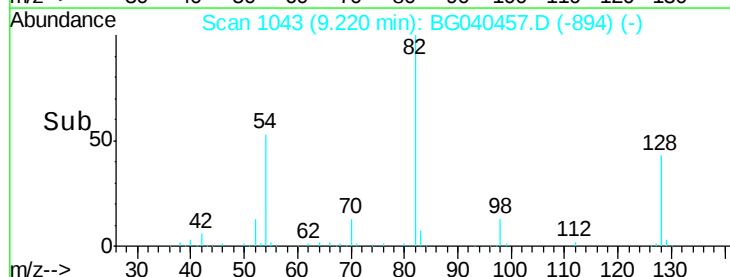
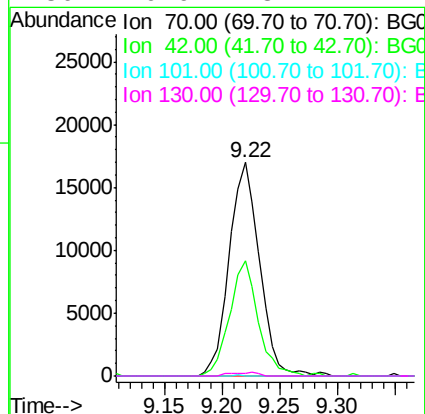
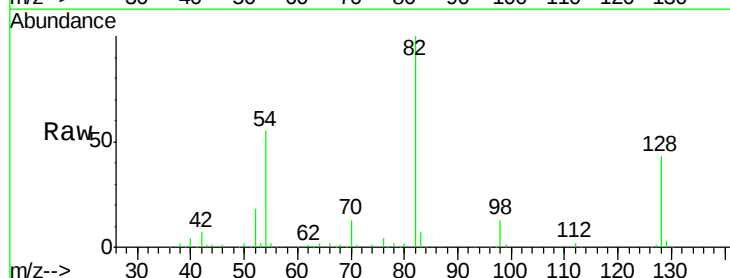
Ion Ratio Lower Upper

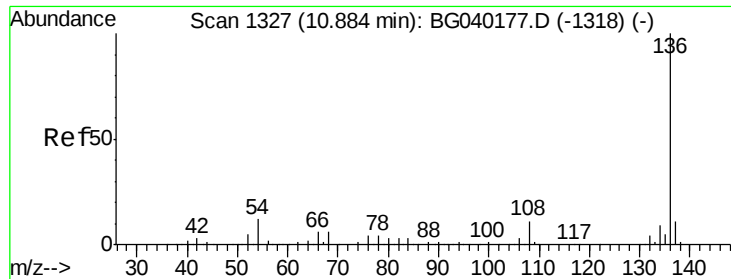
70 100

42 54.0 54.0 81.0

101 0.0 8.6 13.0#

130 0.9 18.2 27.2#

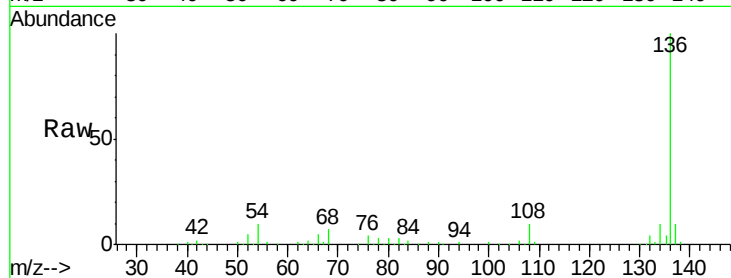




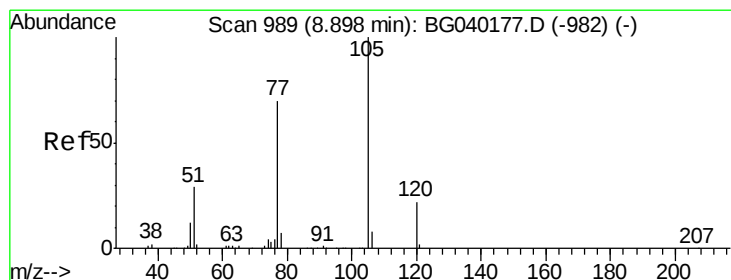
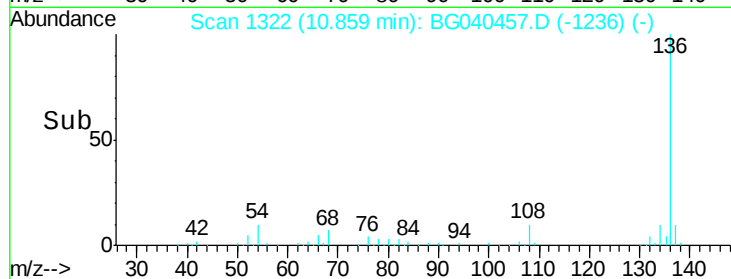
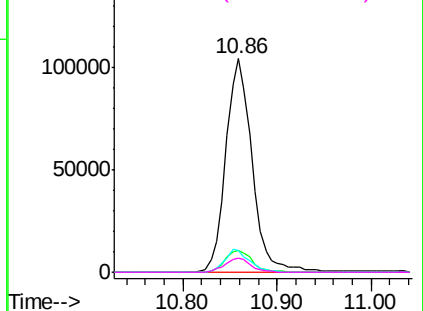
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.86 min Scan# 1322
Delta R.T. -0.03 min
Lab File: BG040457.D
Acq: 12 Apr 2019 12:07

Instrument :
BNA_G
ClientSampleId :

Tot Ion:136	Resp:	202001
Ion Ratio	Lower	Upper
136	100	
137	10.0	8.9 13.3
54	10.2	9.6 14.4
68	6.5	5.1 7.7

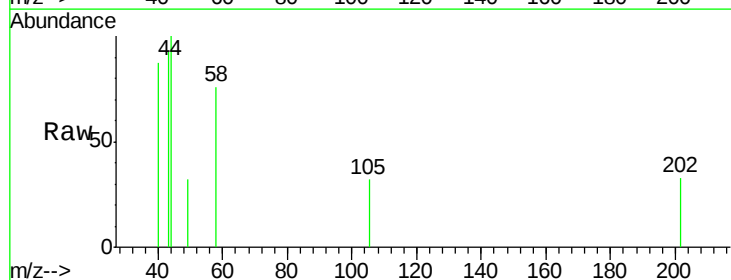


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

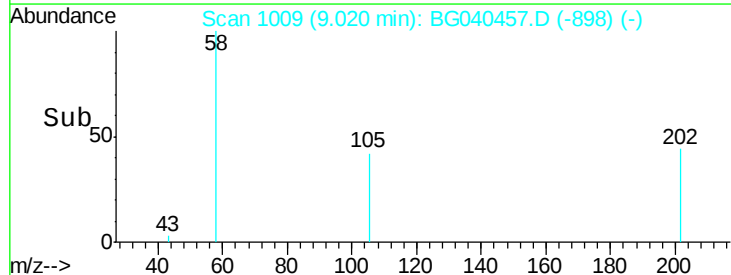
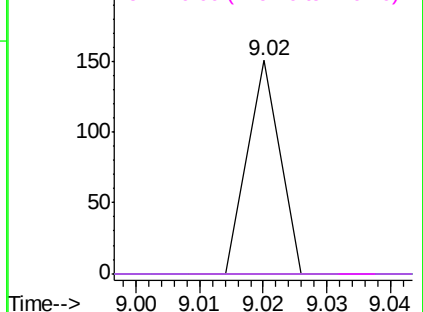


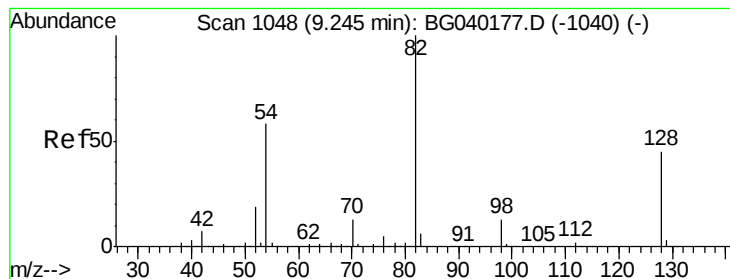
#22
Acetophenone
Concen: 0.011 ng
RT: 9.02 min Scan# 1009
Delta R.T. 0.12 min
Lab File: BG040457.D
Acq: 12 Apr 2019 12:07

Tgt Ion:105	Resp:	53
Ion Ratio	Lower	Upper
105	100	
71	0.0	0.6 1.0#
51	0.0	25.1 37.7#
120	0.0	17.6 26.4#



Abundance Ion 105.00 (104.70 to 105.70): E
Ion 71.00 (70.70 to 71.70): BGC
Ion 51.00 (50.70 to 51.70): BGC
Ion 120.00 (119.70 to 120.70): E





#23

Nitrobenzene-d5

Concen: 65.110 ng

RT: 9.22 min Scan# 1043

Delta R.T. -0.03 min

Lab File: BG040457.D

Acq: 12 Apr 2019 12:07

Instrument :

BNA_G

ClientSampleId :

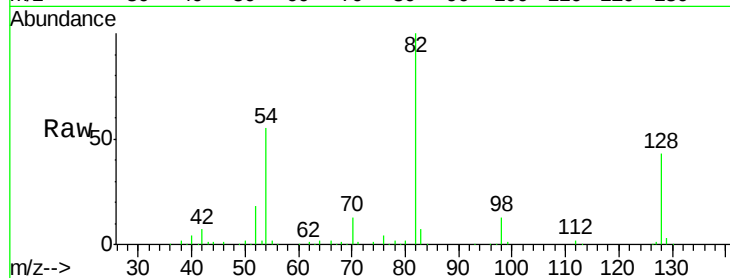
Tot Ion: 82 Resp: 247439

Ion Ratio Lower Upper

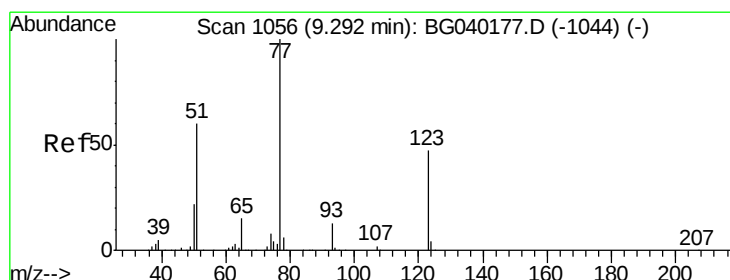
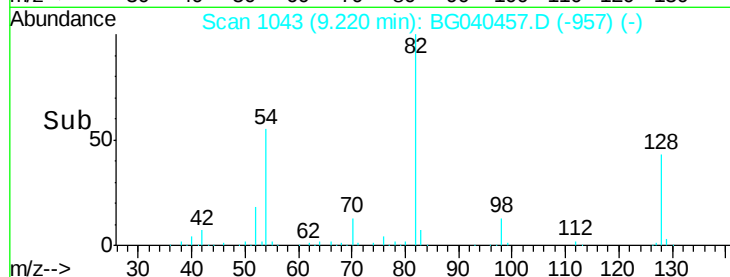
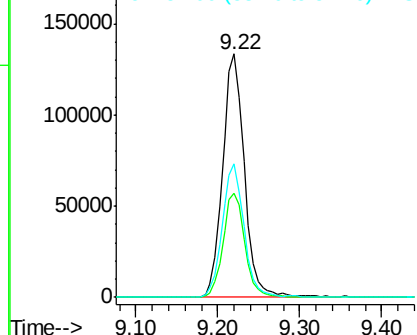
82 100

128 42.9 35.8 53.8

54 54.6 46.2 69.2



Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC



#24

Nitrobenzene

Concen: 0.118 ng

RT: 9.23 min Scan# 1044

Delta R.T. -0.07 min

Lab File: BG040457.D

Acq: 12 Apr 2019 12:07

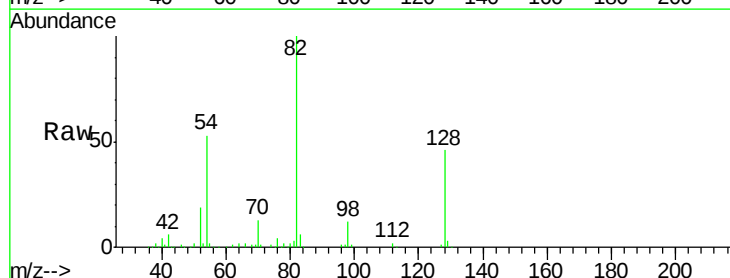
Tgt Ion: 77 Resp: 465

Ion Ratio Lower Upper

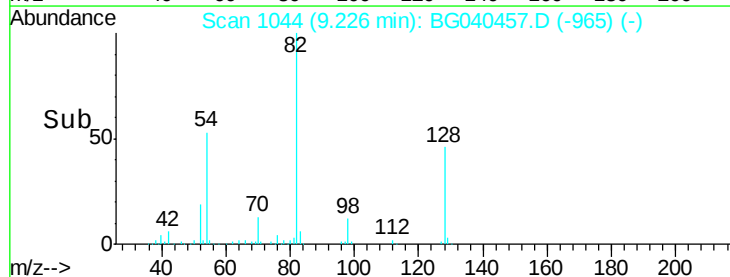
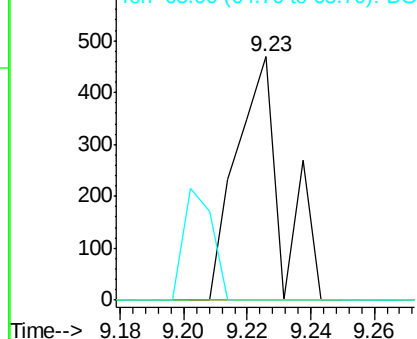
77 100

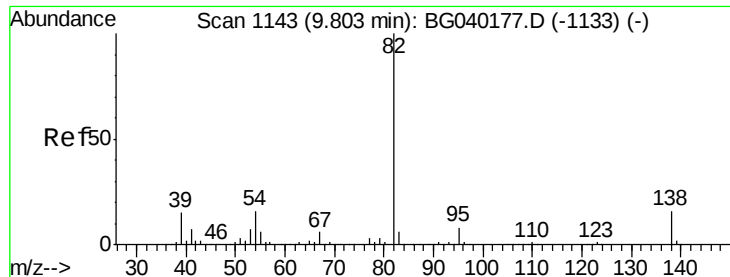
123 0.0 37.8 56.6#

65 0.0 12.0 18.0#



Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 123.00 (122.70 to 123.70): BGC
Ion 65.00 (64.70 to 65.70): BGC





#25

Isophorone

Concen: 0.045 ng

RT: 9.51 min Scan# 1092

Delta R.T. -0.30 min

Lab File: BG040457.D

Acq: 12 Apr 2019 12:07

Instrument :

BNA_G

ClientSampleId :

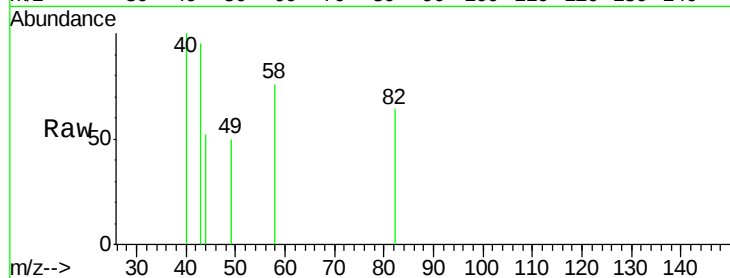
Tot Ion: 82 Resp: 351

Ion Ratio Lower Upper

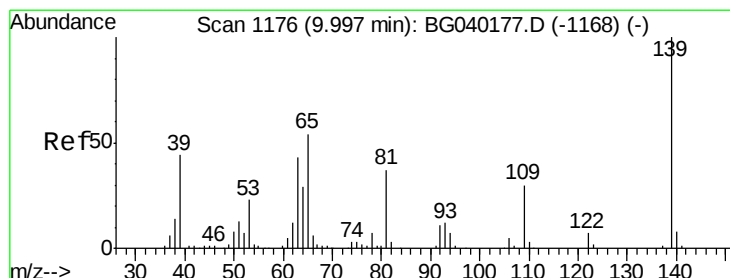
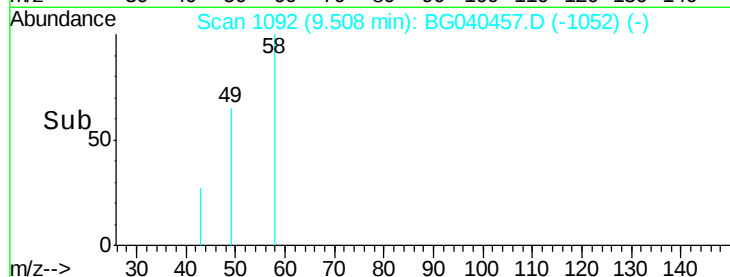
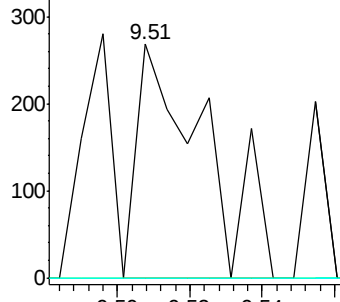
82 100

95 0.0 6.1 9.1#

138 0.0 13.2 19.8#



Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 95.00 (94.70 to 95.70): BGC
Ion 138.00 (137.70 to 138.70): BGC



#26

2-Nitrophenol

Concen: 0.031 ng

RT: 9.80 min Scan# 1141

Delta R.T. -0.20 min

Lab File: BG040457.D

Acq: 12 Apr 2019 12:07

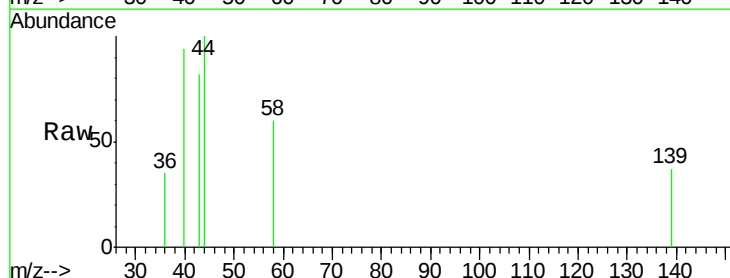
Tgt Ion: 139 Resp: 58

Ion Ratio Lower Upper

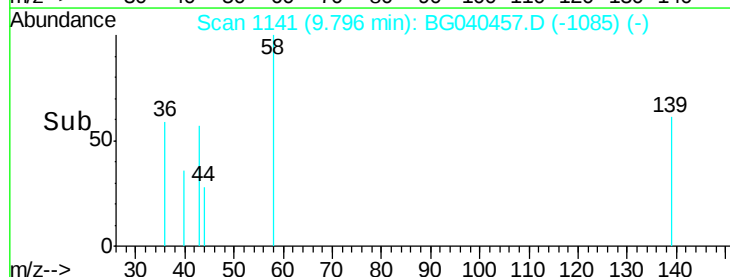
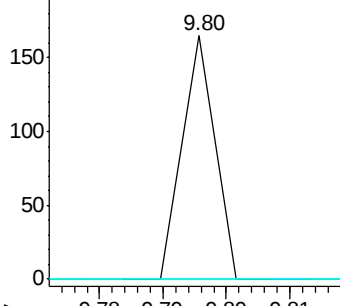
139 100

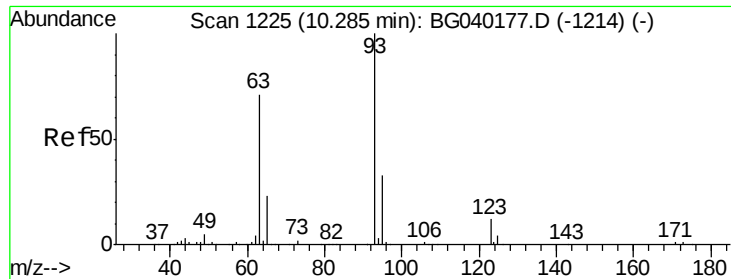
109 0.0 24.1 36.1#

65 0.0 43.0 64.6#



Abundance Ion 139.00 (138.70 to 139.70): BGC
Ion 109.00 (108.70 to 109.70): BGC
Ion 65.00 (64.70 to 65.70): BGC

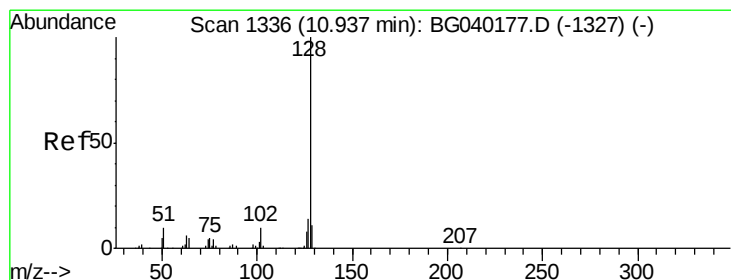
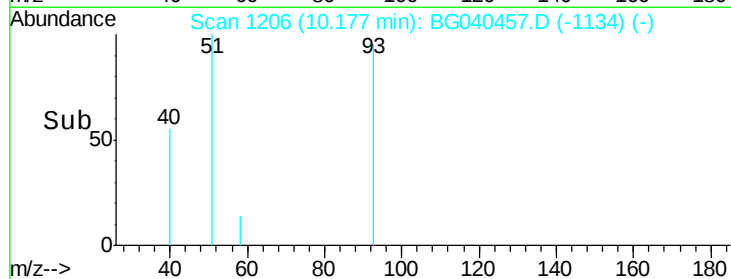
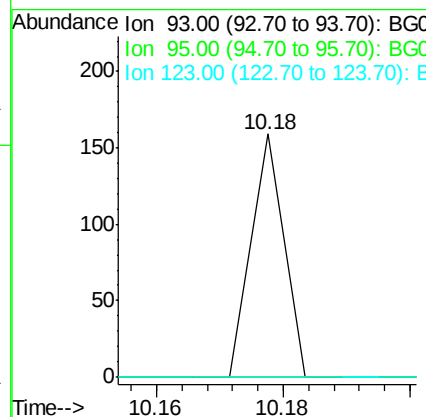
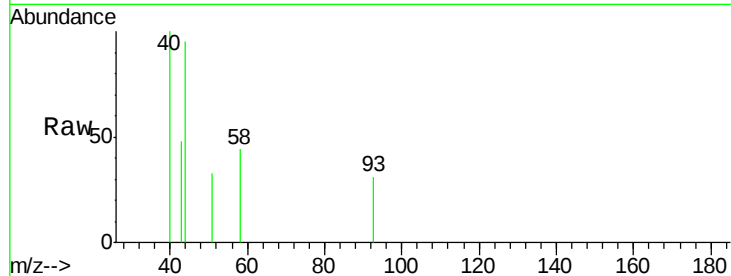




#28
bis(2-Chloroethoxy)methane
Concen: 0.012 ng
RT: 10.18 min Scan# 1206
Delta R.T. -0.11 min
Lab File: BG040457.D
Acq: 12 Apr 2019 12:07

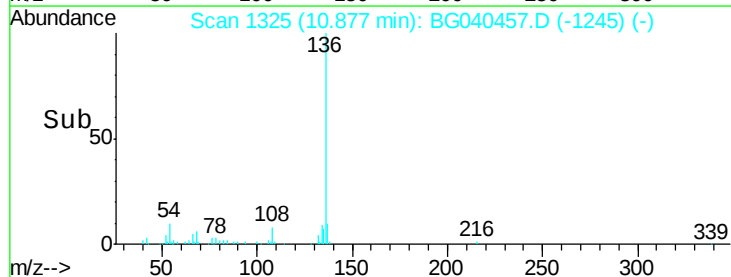
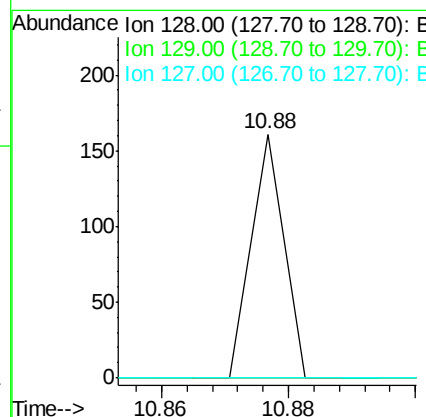
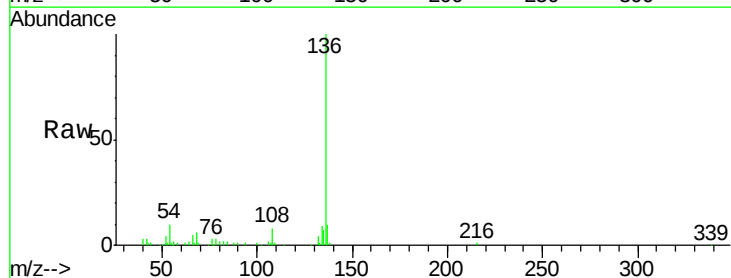
Instrument :
BNA_G
ClientSampleId :

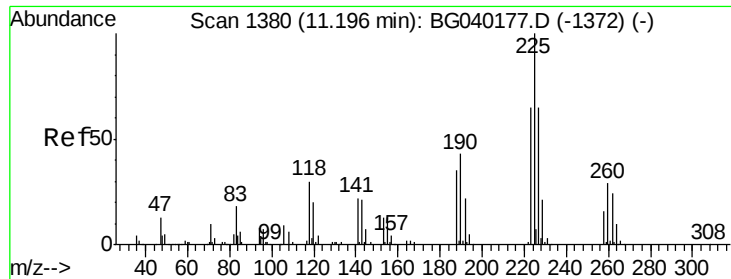
Tot Ion: 93 Resp: 56
Ion Ratio Lower Upper
93 100
95 0.0 26.2 39.4#
123 0.0 9.4 14.0#



#31
Naphthalene
Concen: 0.006 ng
RT: 10.88 min Scan# 1325
Delta R.T. -0.06 min
Lab File: BG040457.D
Acq: 12 Apr 2019 12:07

Tgt Ion: 128 Resp: 57
Ion Ratio Lower Upper
128 100
129 0.0 8.9 13.3#
127 0.0 11.4 17.0#

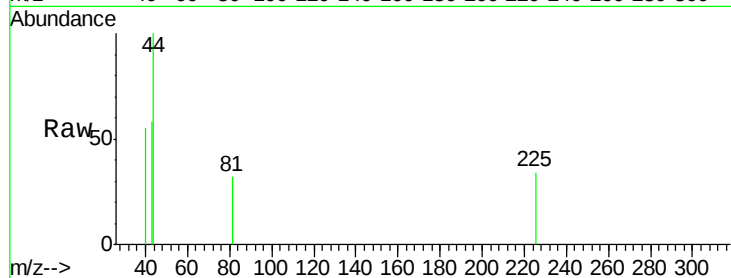




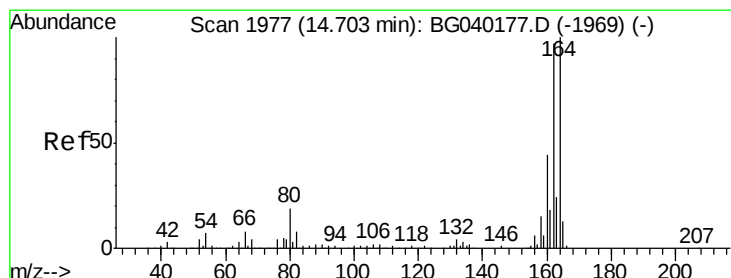
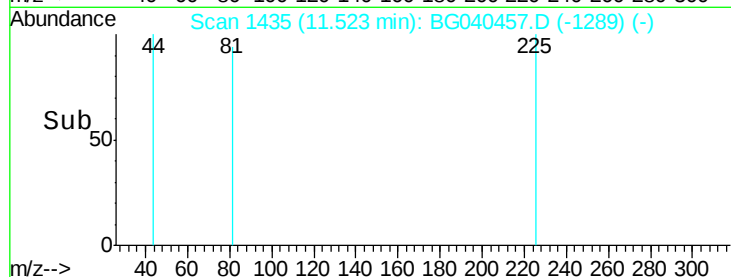
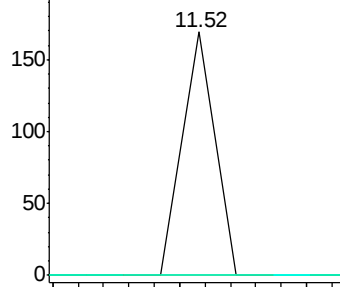
#34
Hexachlorobutadiene
Concen: 0.027 ng
RT: 11.52 min Scan# 1435
Delta R.T. 0.33 min
Lab File: BG040457.D
Acq: 12 Apr 2019 12:07

Instrument :
BNA_G
ClientSampleId :

Tot Ion:225 Resp: 60
Ion Ratio Lower Upper
225 100
223 0.0 51.8 77.8#
227 0.0 54.9 82.3#

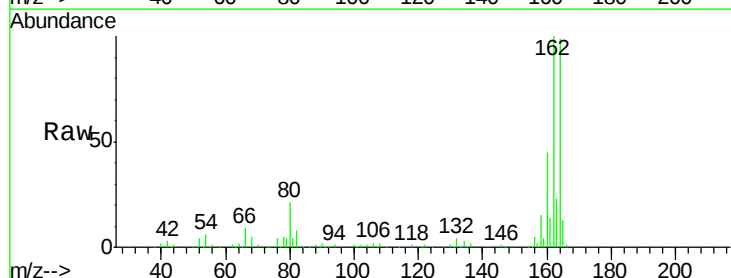


Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E

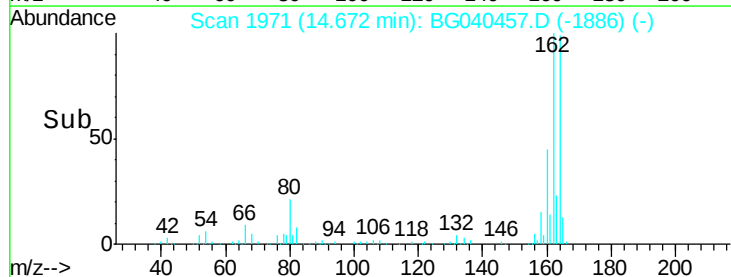
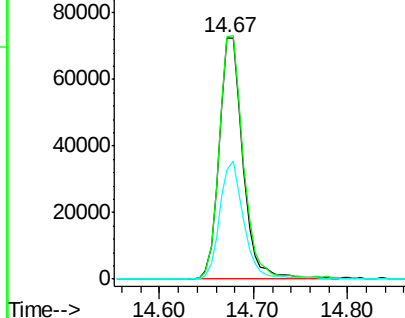


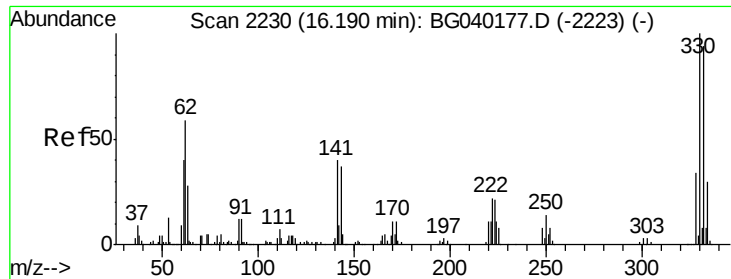
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.67 min Scan# 1971
Delta R.T. -0.03 min
Lab File: BG040457.D
Acq: 12 Apr 2019 12:07

Tgt Ion:164 Resp: 128146
Ion Ratio Lower Upper
164 100
162 100.6 77.4 116.2
160 45.0 35.3 52.9



Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E





#42

2,4,6-Tribromophenol

Concen: 108.583 ng

RT: 16.16 min Scan# 2225

Delta R.T. -0.03 min

Lab File: BG040457.D

Acq: 12 Apr 2019 12:07

Instrument :

BNA_G

ClientSampleId :

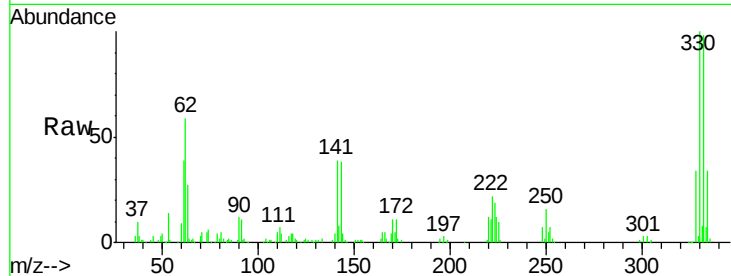
Tot Ion:330 Resp: 150379

Ion Ratio Lower Upper

330 100

332 95.9 76.6 115.0

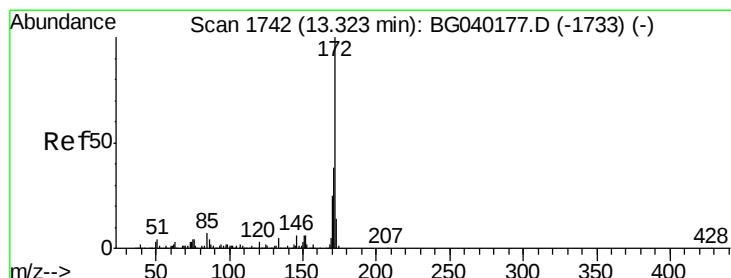
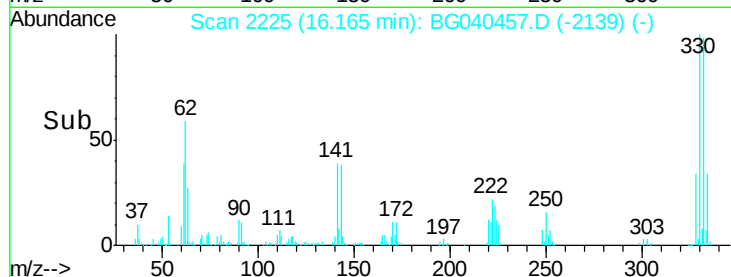
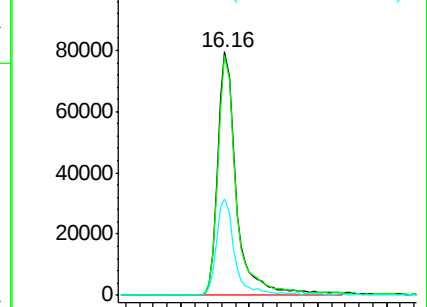
141 38.1 32.6 48.8



Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45

2-Fluorobiphenyl

Concen: 68.763 ng

RT: 13.30 min Scan# 1737

Delta R.T. -0.03 min

Lab File: BG040457.D

Acq: 12 Apr 2019 12:07

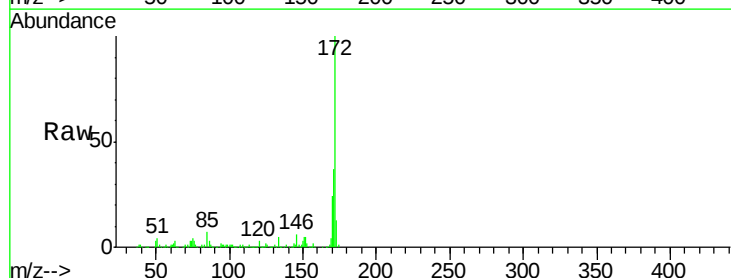
Tgt Ion:172 Resp: 594675

Ion Ratio Lower Upper

172 100

171 36.7 30.5 45.7

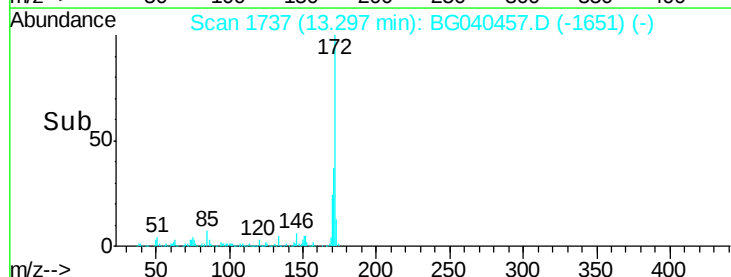
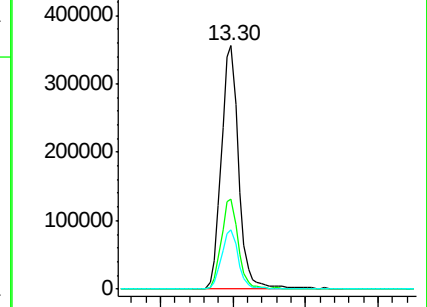
170 24.3 20.1 30.1

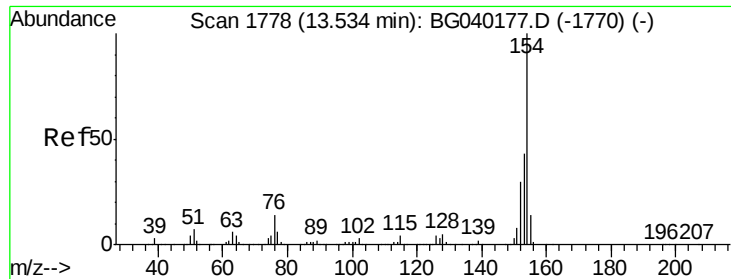


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

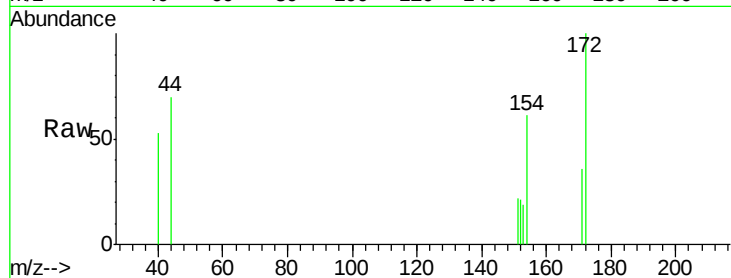




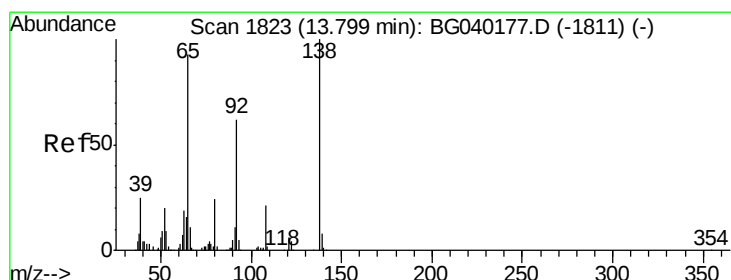
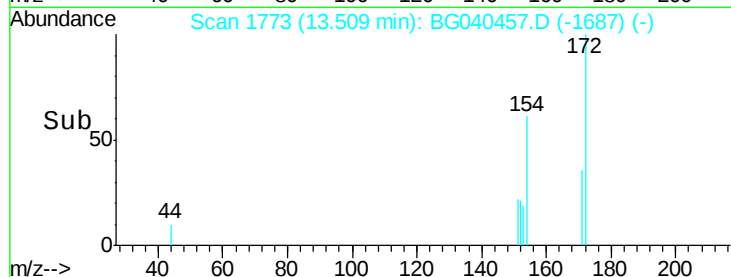
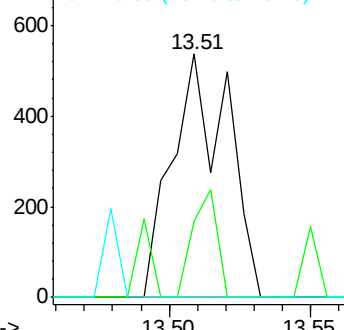
#46
 1,1'-Biphenyl
 Concen: 0.072 ng
 RT: 13.51 min Scan# 1773
 Delta R.T. -0.03 min
 Lab File: BG040457.D
 Acq: 12 Apr 2019 12:07

Instrument :
 BNA_G
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
154	100		
153	31.5	22.5	62.5
76	0.0	0.0	33.7

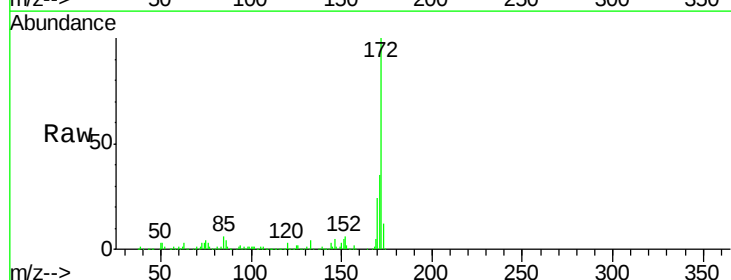


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BGC

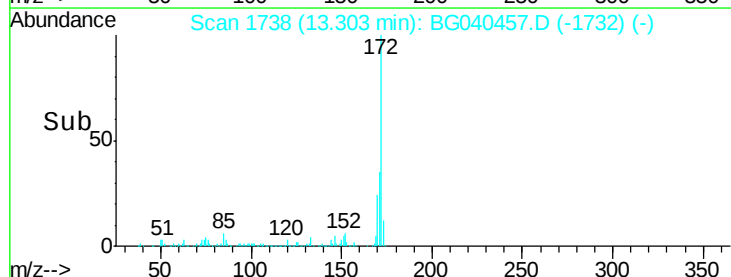
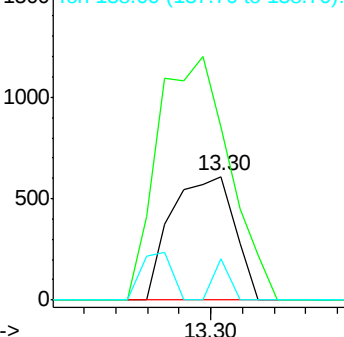


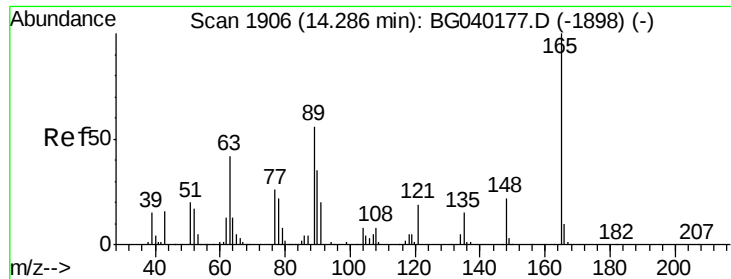
#48
 2-Nitroaniline
 Concen: 0.320 ng
 RT: 13.30 min Scan# 1738
 Delta R.T. -0.50 min
 Lab File: BG040457.D
 Acq: 12 Apr 2019 12:07

Tgt Ion	Ratio	Lower	Upper
65	100		
92	140.2	53.8	80.6#
138	34.0	86.3	129.5#



Abundance Ion 65.00 (64.70 to 65.70): BGC
 Ion 92.00 (91.70 to 92.70): BGC
 Ion 138.00 (137.70 to 138.70): E

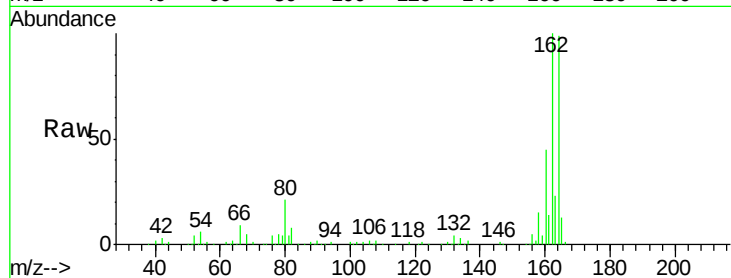




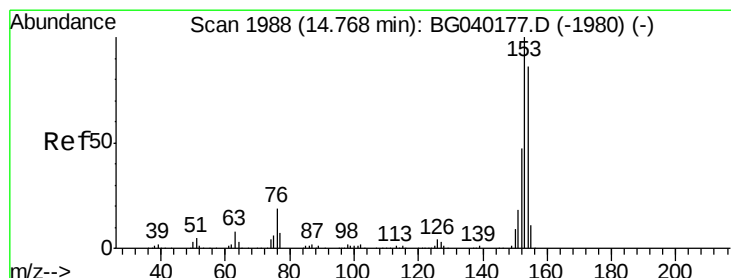
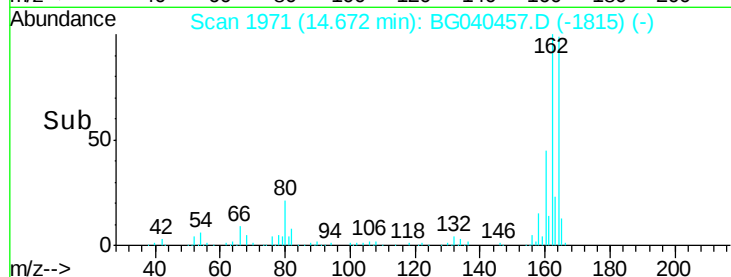
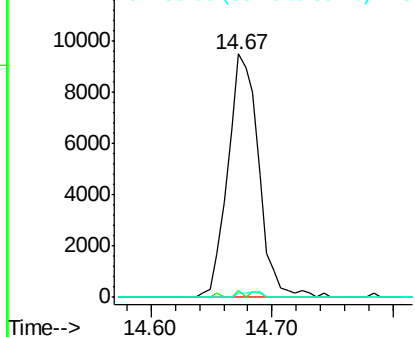
#51
2,6-Dinitrotoluene
Concen: 7.497 ng
RT: 14.67 min Scan# 1971
Delta R.T. 0.39 min
Lab File: BG040457.D
Acq: 12 Apr 2019 12:07

Instrument :
BNA_G
ClientSampleId :

Tot Ion:165 Resp: 16882
Ion Ratio Lower Upper
165 100
63 2.9 44.1 66.1#
89 1.9 44.9 67.3#

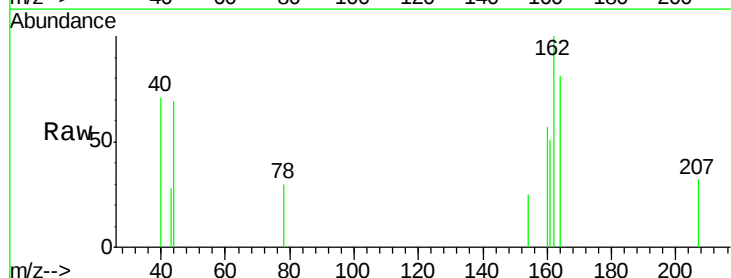


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BGC
Ion 89.00 (88.70 to 89.70): BGC

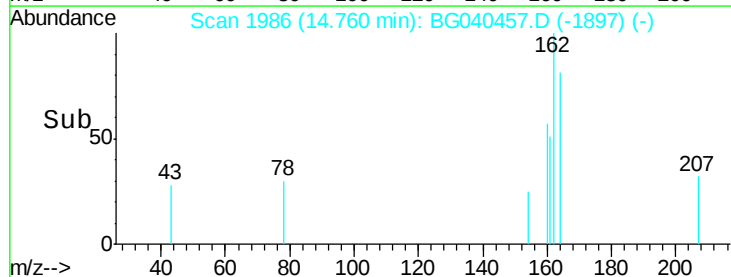
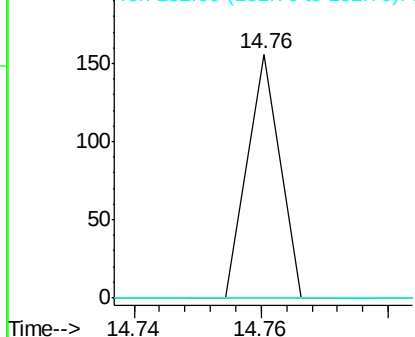


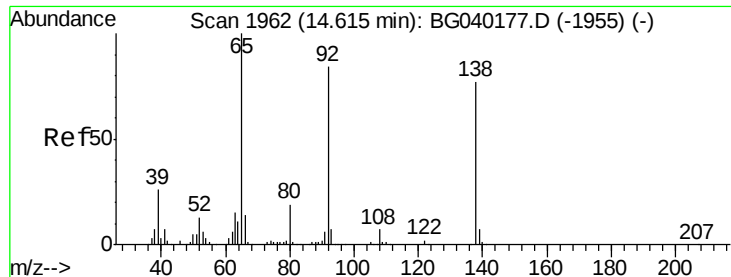
#52
Acenaphthene
Concen: 0.007 ng
RT: 14.76 min Scan# 1986
Delta R.T. -0.01 min
Lab File: BG040457.D
Acq: 12 Apr 2019 12:07

Tgt Ion:154 Resp: 55
Ion Ratio Lower Upper
154 100
153 0.0 92.8 139.2#
152 0.0 43.4 65.2#



Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E

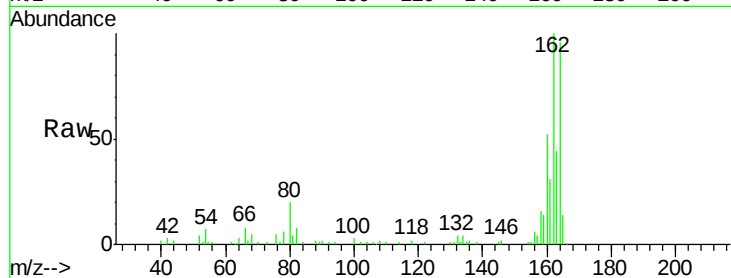




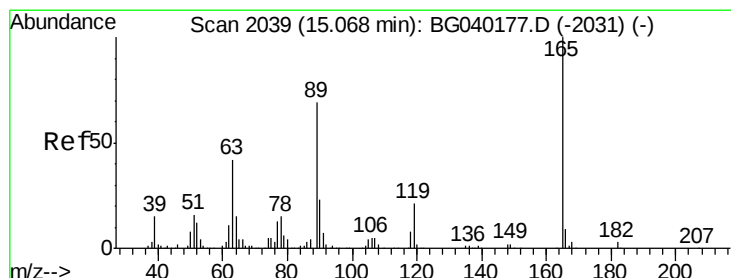
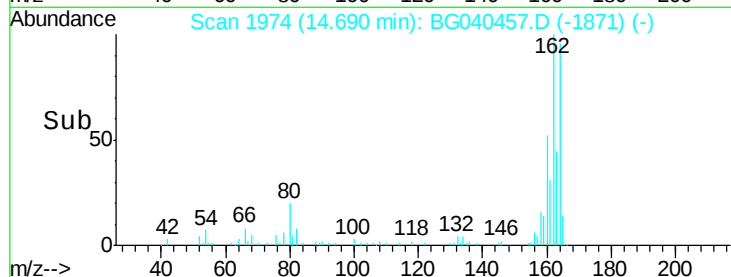
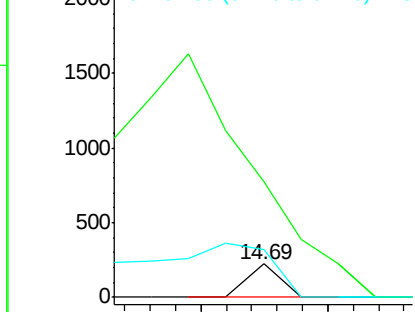
#53
 3-Nitroaniline
 Concen: 0.033 ng
 RT: 14.69 min Scan# 1974
 Delta R.T. 0.07 min
 Lab File: BG040457.D
 Acq: 12 Apr 2019 12:07

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:138 Resp: 78
 Ion Ratio Lower Upper
 138 100
 108 350.5 7.8 11.8#
 92 143.2 87.5 131.3#

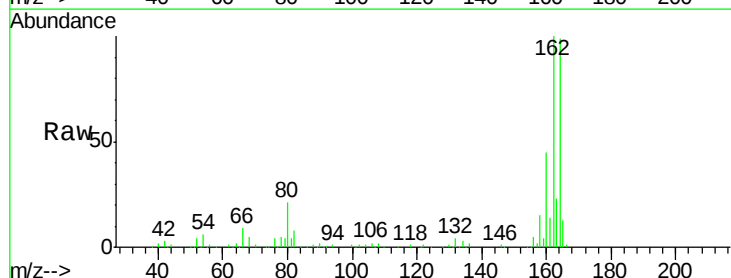


Abundance Ion 138.00 (137.70 to 138.70): E
 Ion 108.00 (107.70 to 108.70): E
 Ion 92.00 (91.70 to 92.70): BGC

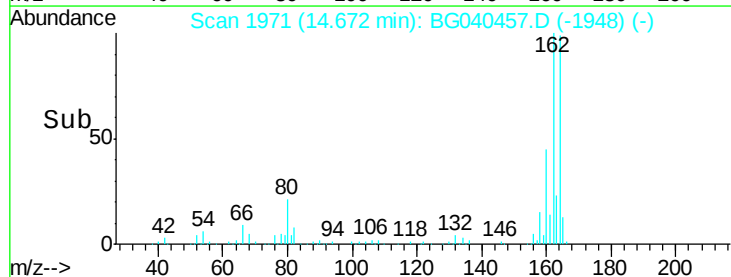
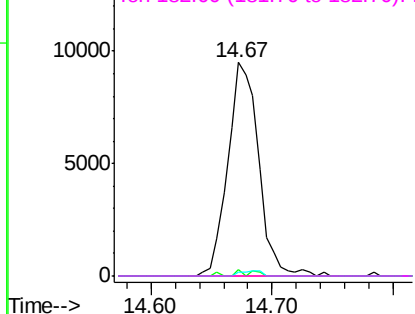


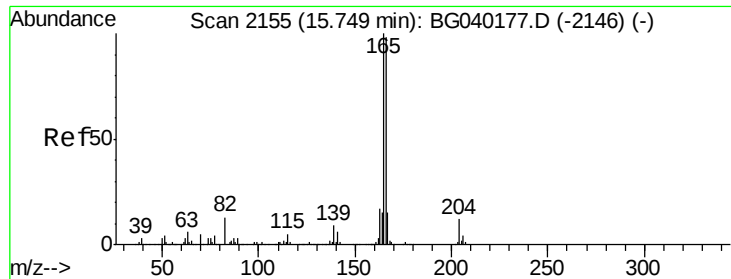
#57
 2,4-Dinitrotoluene
 Concen: 5.395 ng
 RT: 14.67 min Scan# 1971
 Delta R.T. -0.40 min
 Lab File: BG040457.D
 Acq: 12 Apr 2019 12:07

Tgt Ion:165 Resp: 16882
 Ion Ratio Lower Upper
 165 100
 63 2.9 33.8 50.6#
 89 1.9 55.4 83.2#
 182 0.0 2.2 3.4#



Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BGC
 Ion 89.00 (88.70 to 89.70): BGC
 Ion 182.00 (181.70 to 182.70): E





#58

Fluorene

Concen: 0.688 ng

RT: 16.16 min Scan# 2225

Delta R.T. 0.42 min

Lab File: BG040457.D

Acq: 12 Apr 2019 12:07

Instrument :

BNA_G

ClientSampleId :

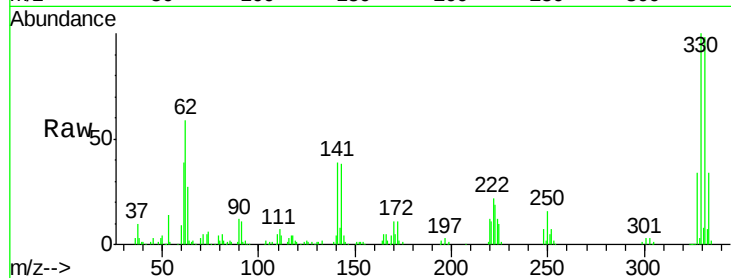
Tot Ion:166 Resp: 6559

Ion Ratio Lower Upper

166 100

165 110.1 81.7 122.5

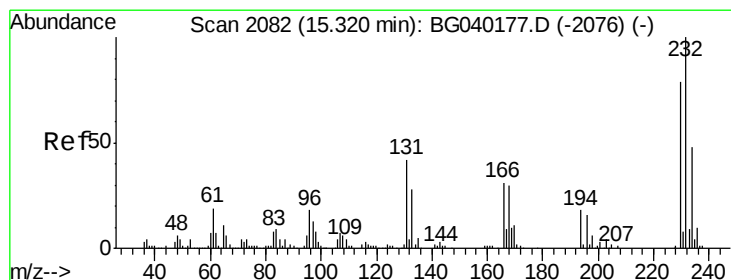
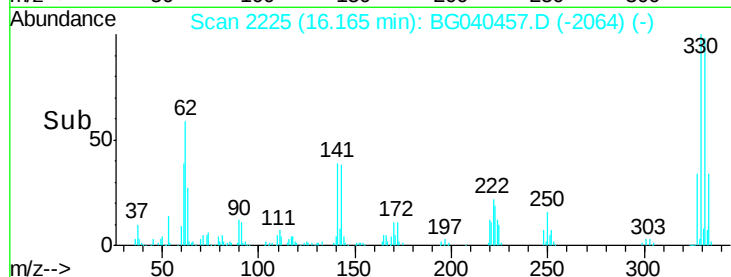
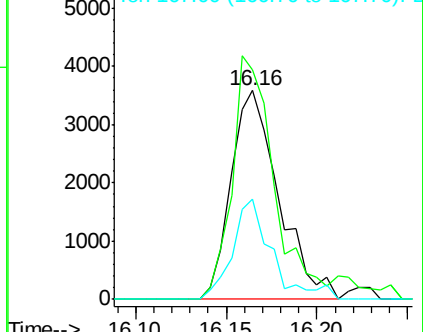
167 48.2 11.9 17.9#



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#59

2,3,4,6-Tetrachlorophenol

Concen: 0.022 ng

RT: 15.49 min Scan# 2111

Delta R.T. 0.17 min

Lab File: BG040457.D

Acq: 12 Apr 2019 12:07

Tgt Ion:232 Resp: 57

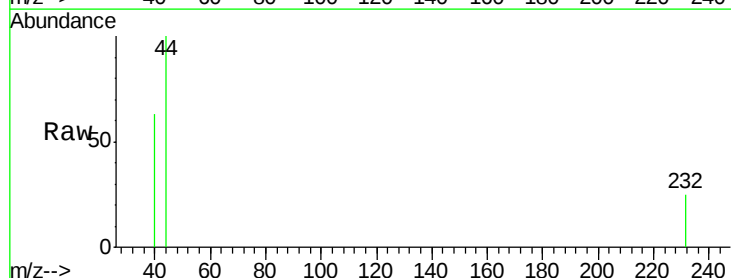
Ion Ratio Lower Upper

232 100

131 0.0 32.9 49.3#

130 0.0 1.8 2.8#

166 0.0 23.5 35.3#

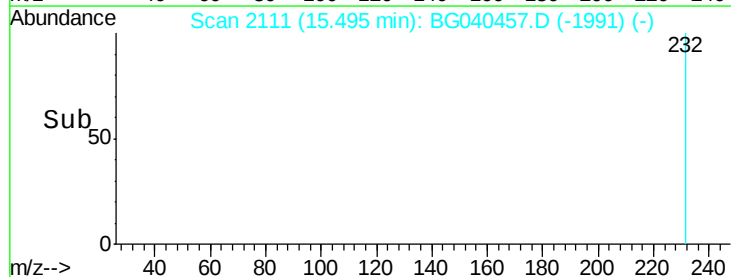
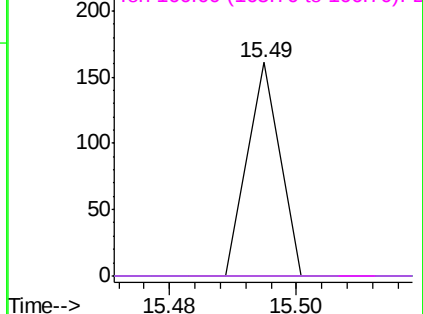


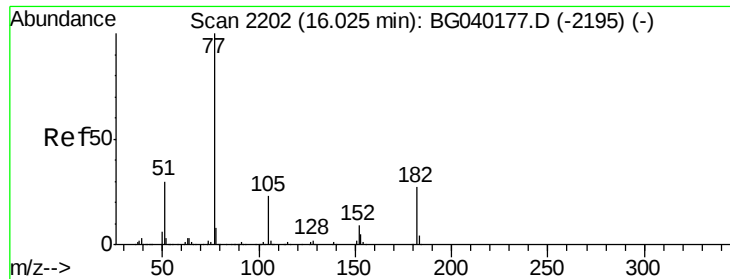
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E

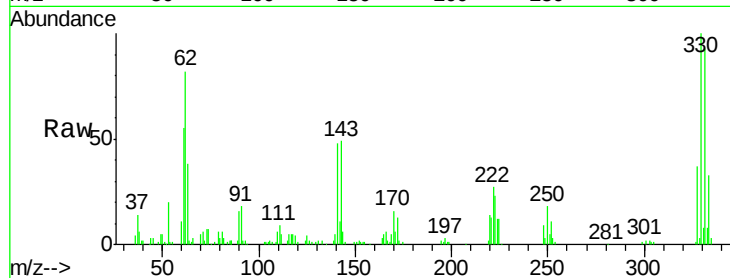




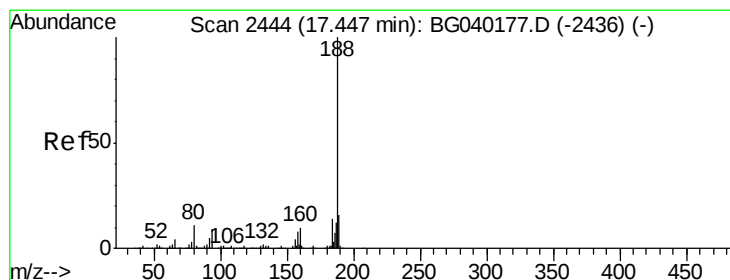
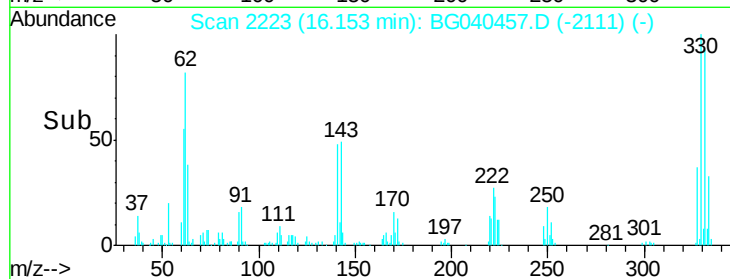
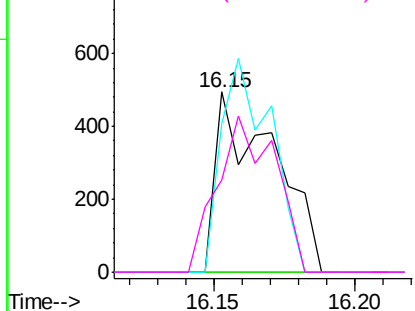
#63
Azobenzene
Concen: 0.073 ng
RT: 16.15 min Scan# 2223
Delta R.T. 0.13 min
Lab File: BG040457.D
Acq: 12 Apr 2019 12:07

Instrument :
BNA_G
ClientSampled :

Tot Ion: 77 Resp: 705
Ion Ratio Lower Upper
77 100
182 0.0 7.2 47.2#
105 82.8 2.8 42.8#
51 51.2 10.4 50.4#

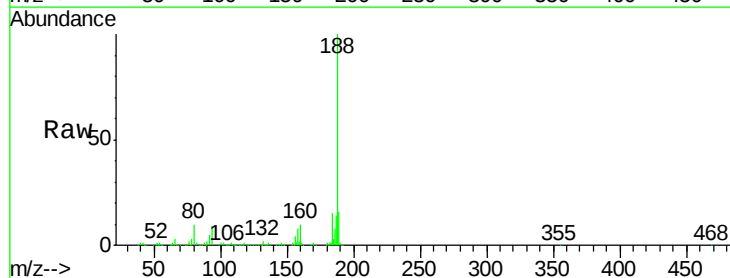


Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 182.00 (181.70 to 182.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 51.00 (50.70 to 51.70): BGC

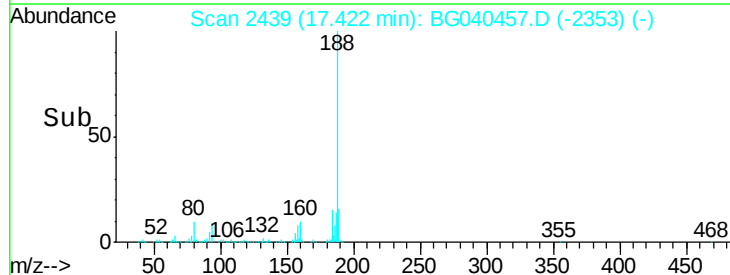
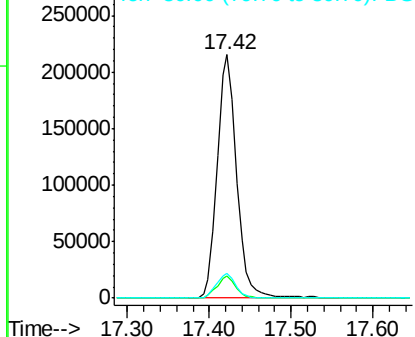


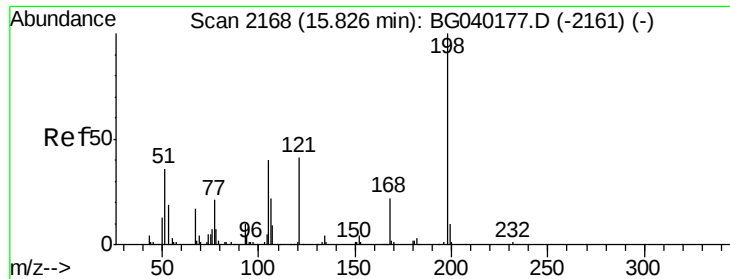
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.42 min Scan# 2439
Delta R.T. -0.03 min
Lab File: BG040457.D
Acq: 12 Apr 2019 12:07

Tgt Ion: 188 Resp: 356893
Ion Ratio Lower Upper
188 100
94 9.3 7.0 10.4
80 10.1 8.6 13.0



Abundance Ion 188.00 (187.70 to 188.70): BGC
Ion 94.00 (93.70 to 94.70): BGC
Ion 80.00 (79.70 to 80.70): BGC





#65

4,6-Dinitro-2-methylphenol

Concen: 0.167 ng

RT: 16.16 min Scan# 2224

Delta R.T. 0.33 min

Lab File: BG040457.D

Acq: 12 Apr 2019 12:07

Instrument :

BNA_G

ClientSampleId :

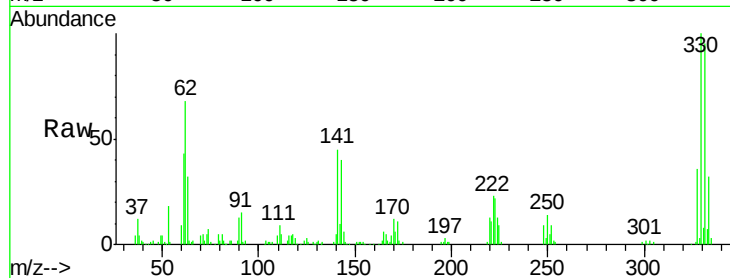
Tot Ion:198 Resp: 334

Ion Ratio Lower Upper

198 100

51 114.4 27.3 67.3#

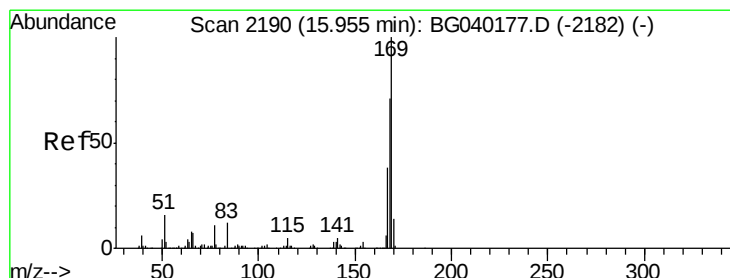
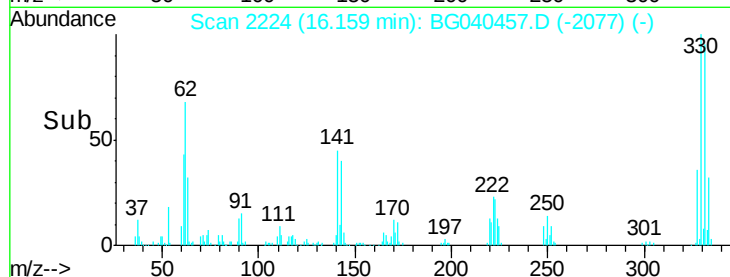
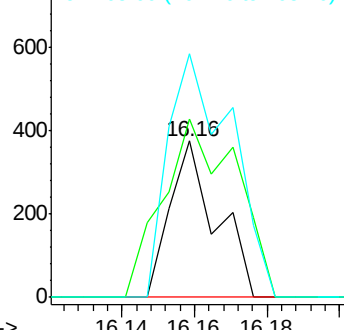
105 156.3 21.7 61.7#



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BG040177.D (-2161) (-)

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 0.550 ng

RT: 16.16 min Scan# 2225

Delta R.T. 0.21 min

Lab File: BG040457.D

Acq: 12 Apr 2019 12:07

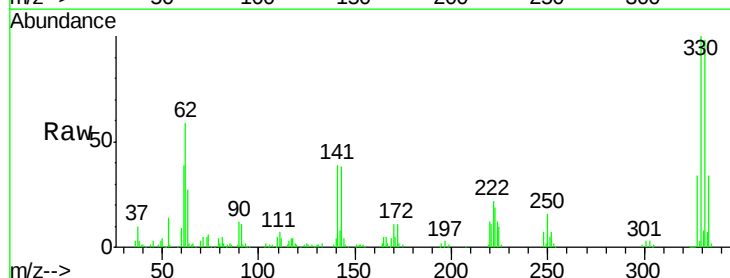
Tgt Ion:169 Resp: 5746

Ion Ratio Lower Upper

169 100

168 9.6 56.8 85.2#

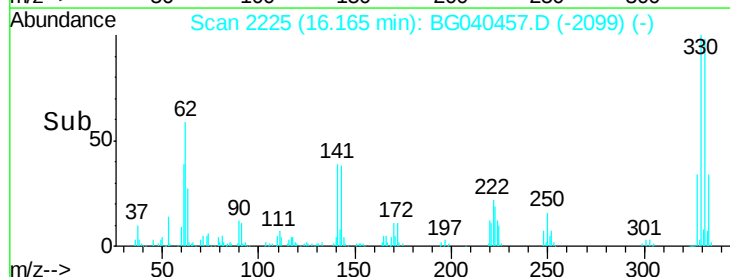
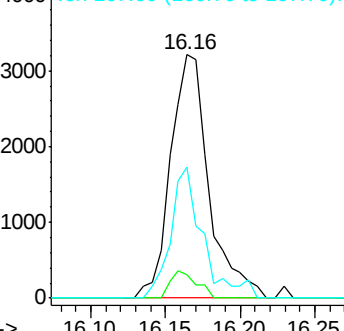
167 53.9 30.2 45.4#

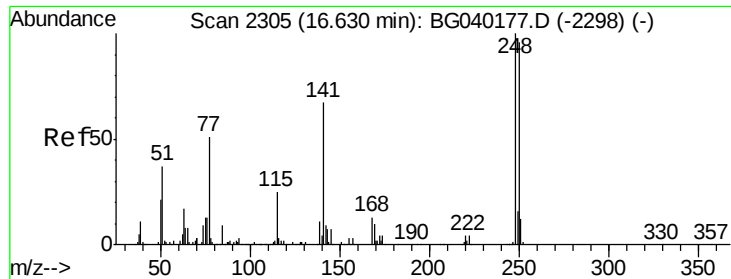


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

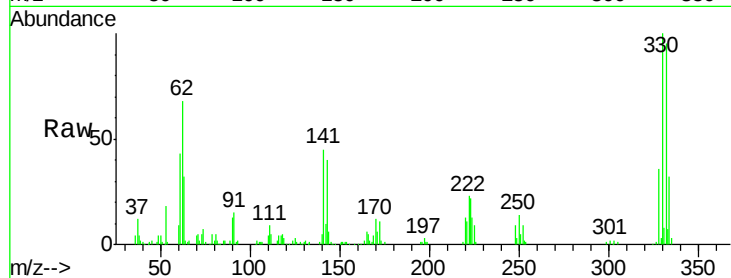




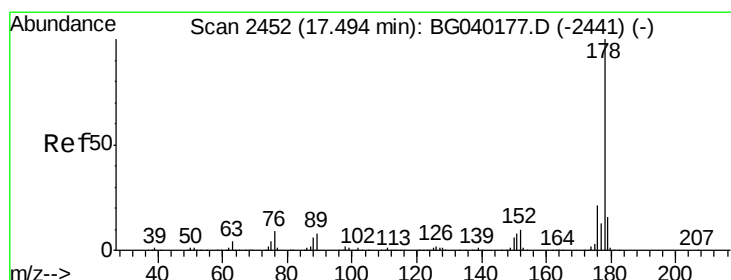
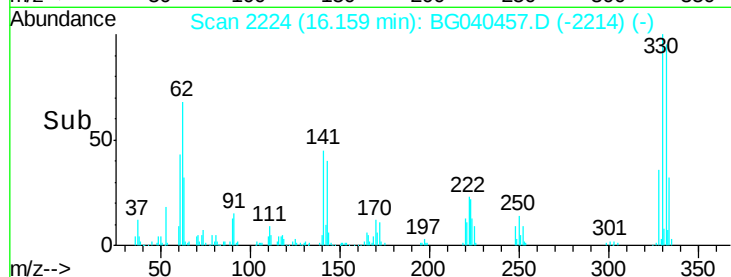
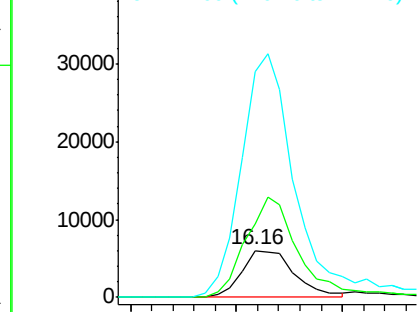
#67
 4-Bromophenyl-phenylether
 Concen: 2.584 ng
 RT: 16.16 min Scan# 2224
 Delta R.T. -0.47 min
 Lab File: BG040457.D
 Acq: 12 Apr 2019 12:07

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:248 Resp: 10378
 Ion Ratio Lower Upper
 248 100
 250 155.9 76.4 114.6#
 141 483.7 53.8 80.8#

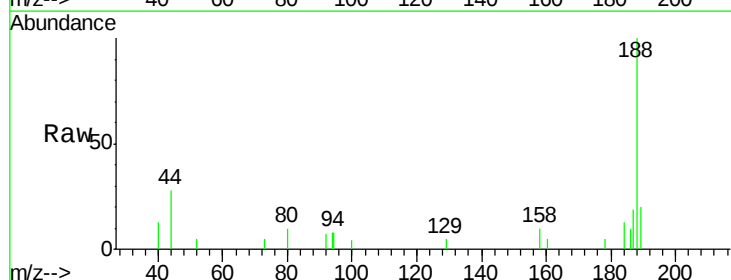


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

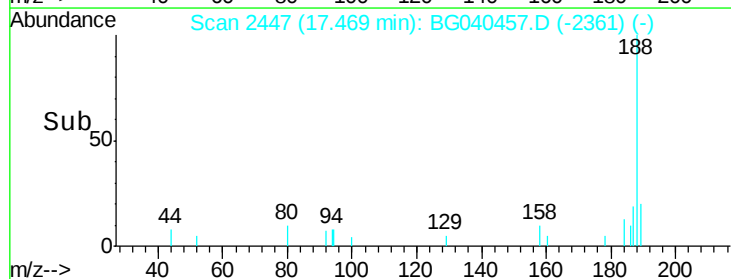
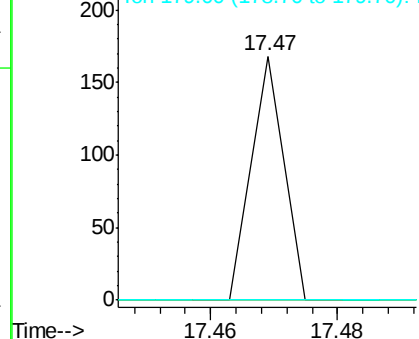


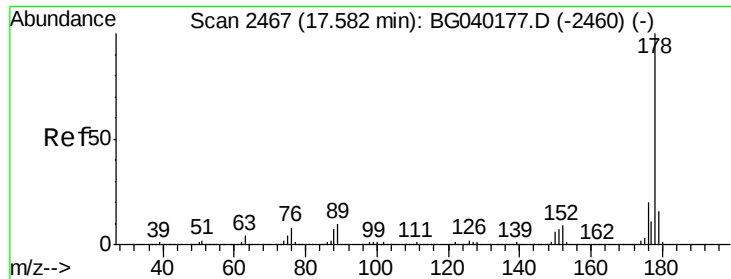
#71
 Phenanthrene
 Concen: 0.003 ng
 RT: 17.47 min Scan# 2447
 Delta R.T. -0.03 min
 Lab File: BG040457.D
 Acq: 12 Apr 2019 12:07

Tgt Ion:178 Resp: 59
 Ion Ratio Lower Upper
 178 100
 176 0.0 16.7 25.1#
 179 0.0 12.8 19.2#



Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E





#72

Anthracene

Concen: 0.003 ng

RT: 17.47 min Scan# 2447

Delta R.T. -0.11 min

Lab File: BG040457.D

Acq: 12 Apr 2019 12:07

Instrument :

BNA_G

ClientSampleId :

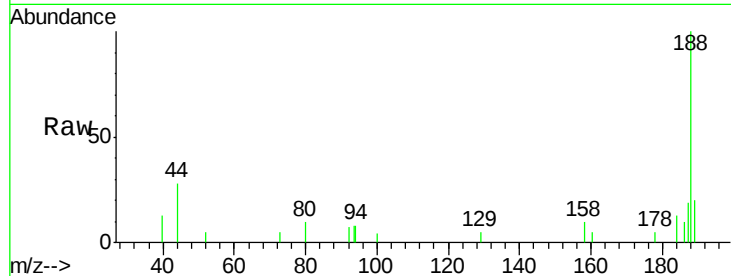
Tot Ion:178 Resp: 59

Ion Ratio Lower Upper

178 100

176 0.0 15.9 23.9#

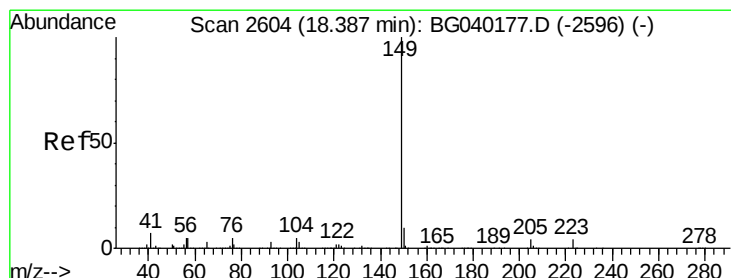
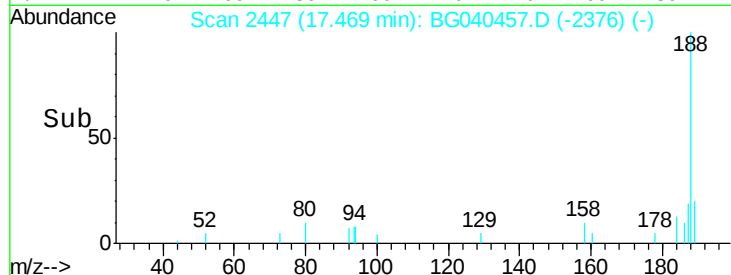
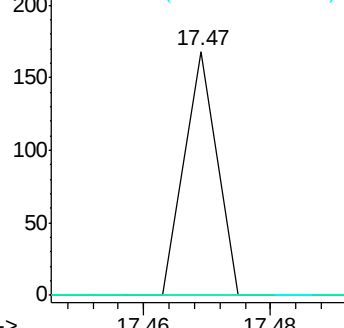
179 0.0 12.9 19.3#



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#74

Di-n-butylphthalate

Concen: 0.022 ng

RT: 18.36 min Scan# 2599

Delta R.T. -0.03 min

Lab File: BG040457.D

Acq: 12 Apr 2019 12:07

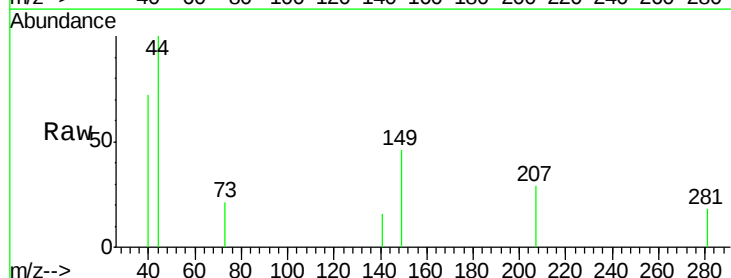
Tgt Ion:149 Resp: 467

Ion Ratio Lower Upper

149 100

150 0.0 7.9 11.9#

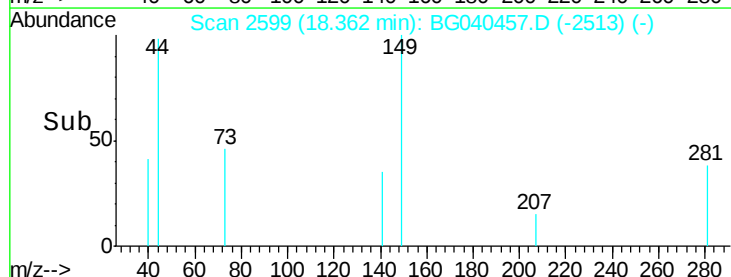
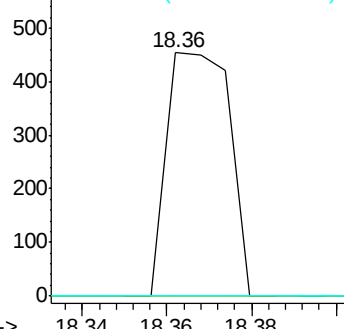
104 0.0 4.1 6.1#

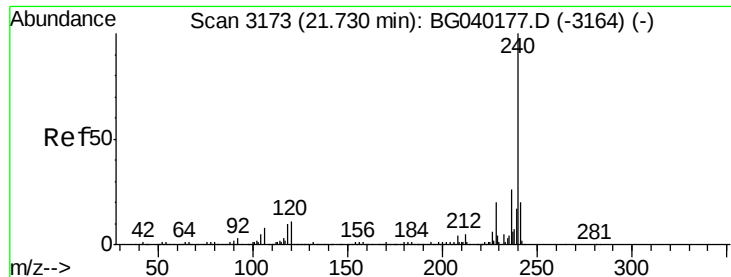


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.69 min Scan# 3166

Delta R.T. -0.04 min

Lab File: BG040457.D

Acq: 12 Apr 2019 12:07

Instrument :

BNA_G

ClientSampled :

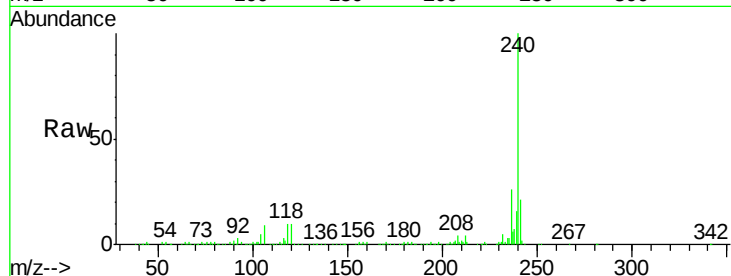
Tot Ion:240 Resp: 392242

Ion Ratio Lower Upper

240 100

120 9.5 8.4 12.6

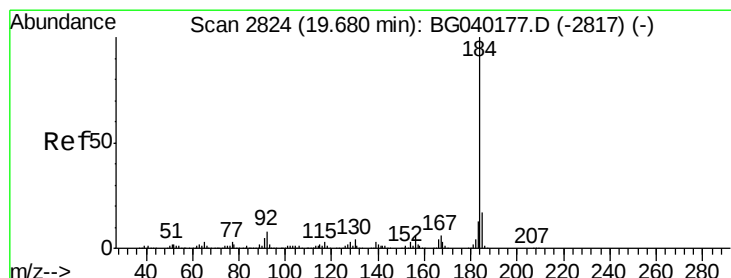
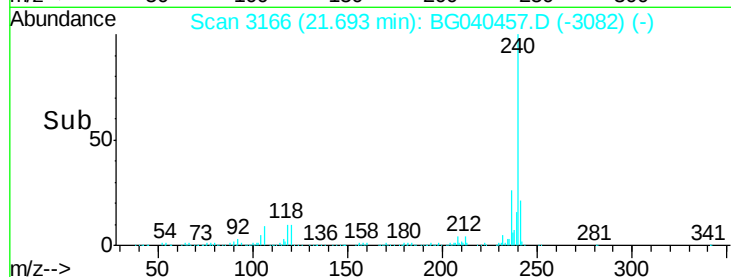
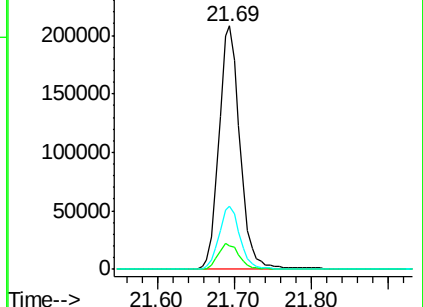
236 26.0 20.8 31.2



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#77

Benzidine

Concen: 1.201 ng

RT: 20.02 min Scan# 2881

Delta R.T. 0.34 min

Lab File: BG040457.D

Acq: 12 Apr 2019 12:07

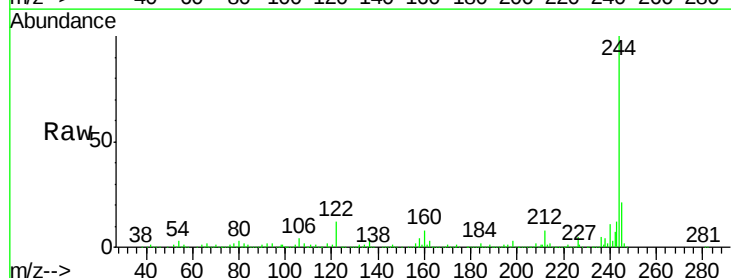
Tgt Ion:184 Resp: 17015

Ion Ratio Lower Upper

184 100

185 17.7 13.3 19.9

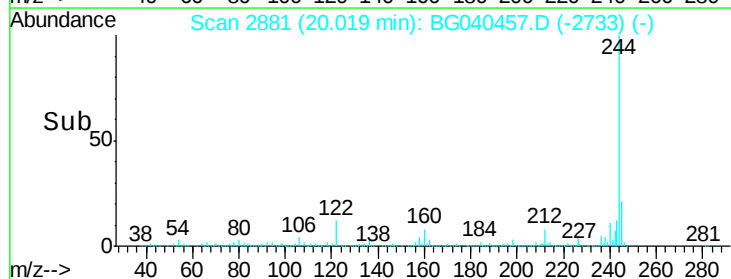
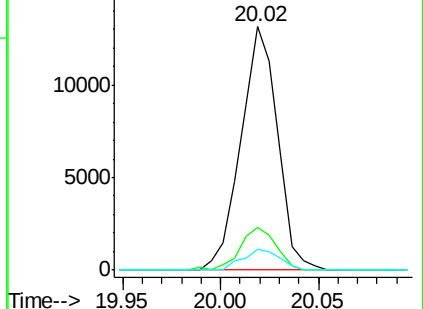
183 8.7 10.3 15.5#

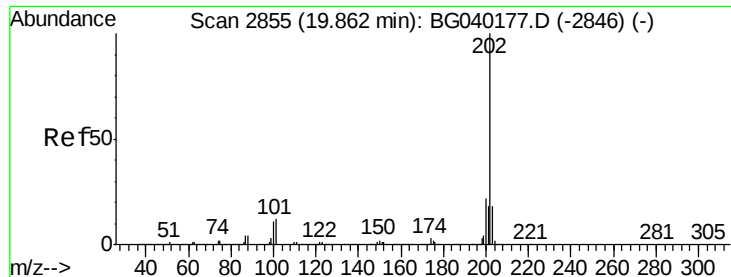


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#78

Pvrene

Concen: 0.171 ng

RT: 20.02 min Scan# 2881

Delta R.T. 0.16 min

Lab File: BG040457.D

Acq: 12 Apr 2019 12:07

Instrument :

BNA_G

ClientSampleId :

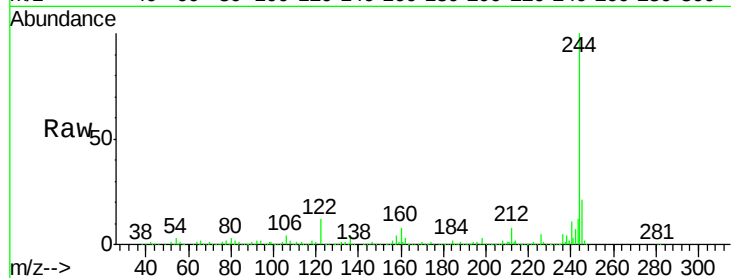
Tot Ion:202 Resp: 4414

Ion Ratio Lower Upper

202 100

200 43.5 17.3 25.9#

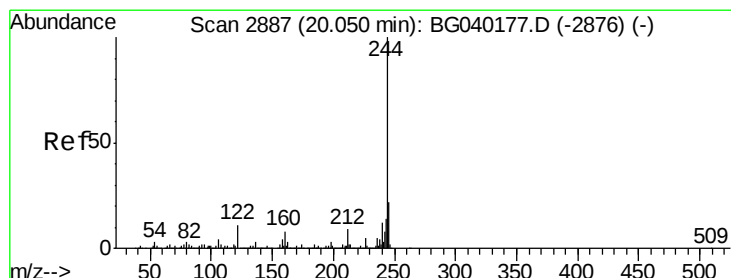
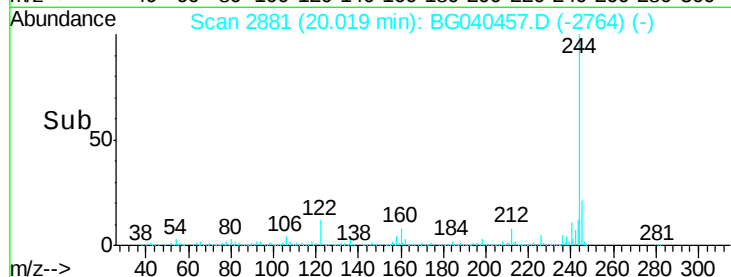
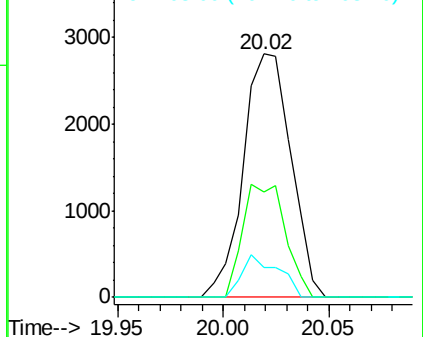
203 12.5 14.6 22.0#



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#79

Terphenyl-d14

Concen: 64.114 ng

RT: 20.02 min Scan# 2881

Delta R.T. -0.03 min

Lab File: BG040457.D

Acq: 12 Apr 2019 12:07

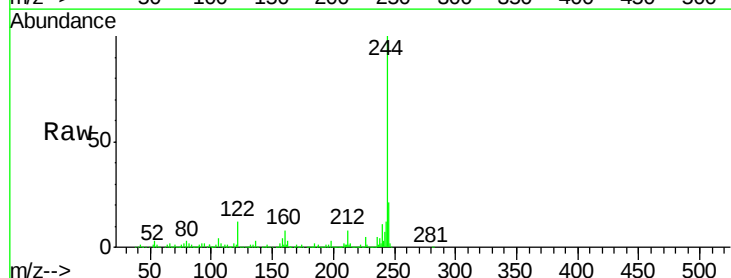
Tgt Ion:244 Resp: 1117865

Ion Ratio Lower Upper

244 100

212 8.4 7.0 10.6

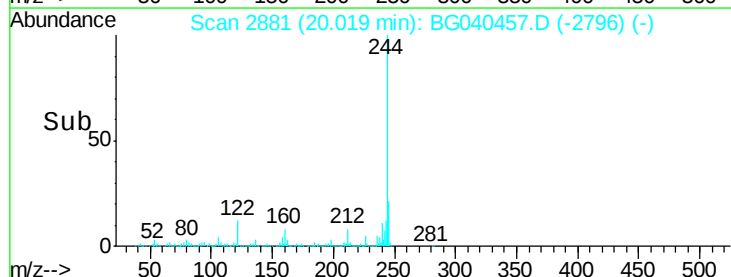
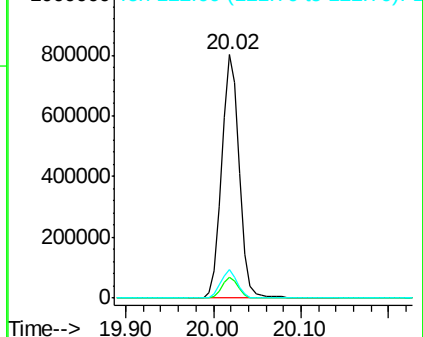
122 11.7 8.5 12.7

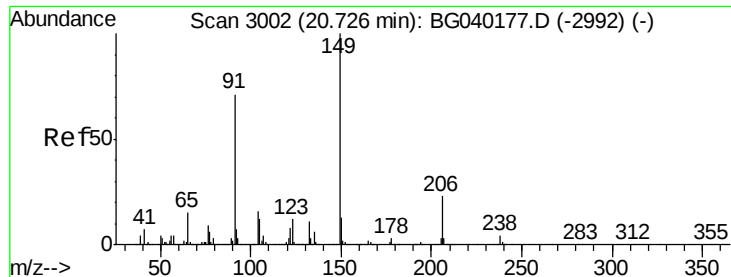


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

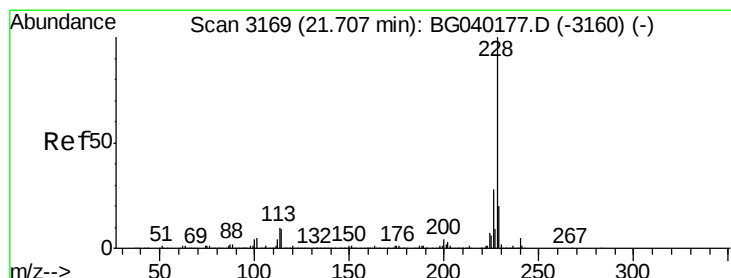
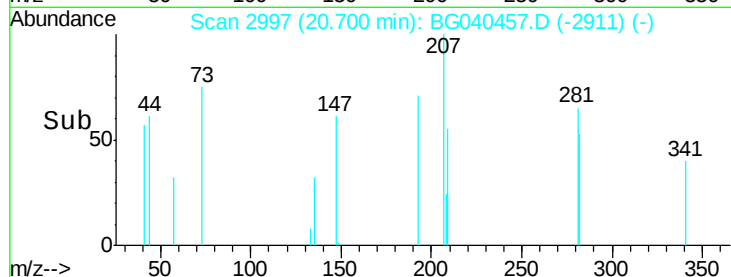
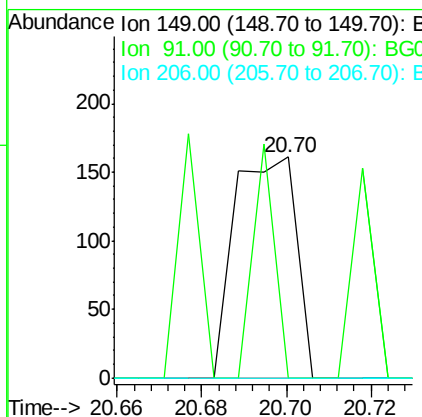
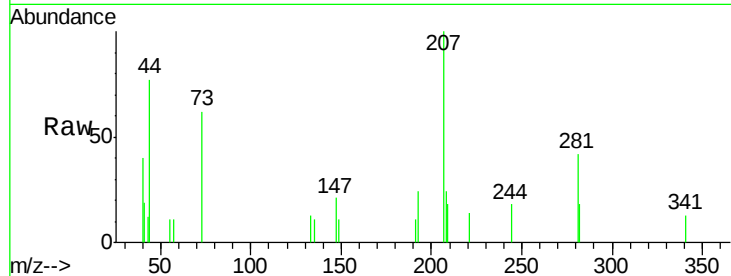




#80
 Butylbenzylphthalate
 Concen: 0.015 ng
 RT: 20.70 min Scan# 2997
 Delta R.T. -0.03 min
 Lab File: BG040457.D
 Acq: 12 Apr 2019 12:07

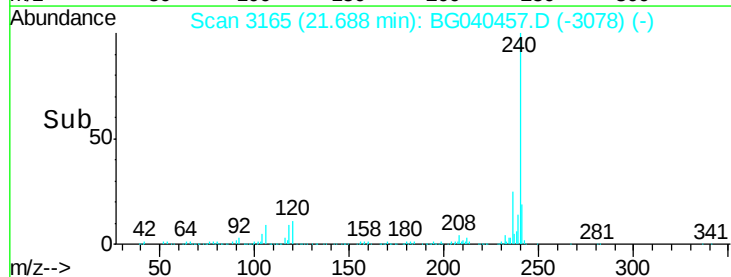
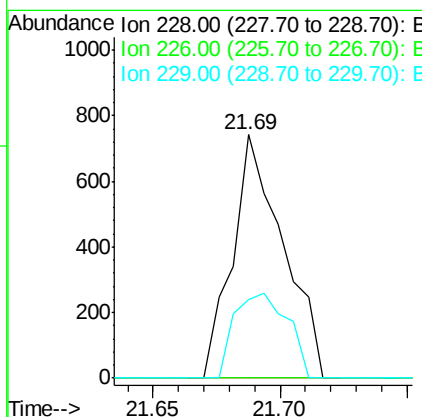
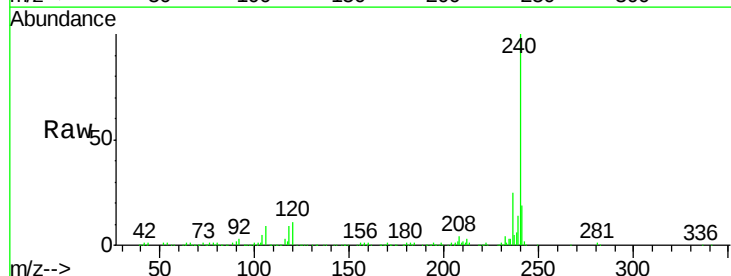
Instrument :
 BNA_G
 ClientSampled :

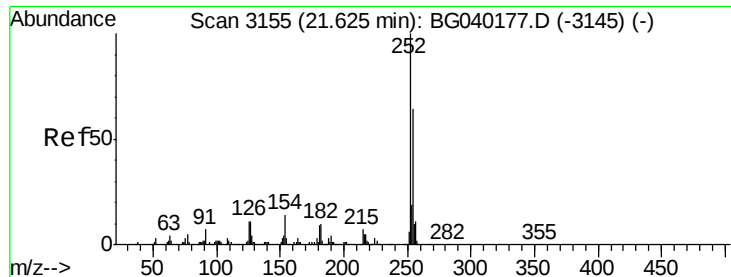
Tot Ion:	149	Resp:	163
Ion Ratio	Lower	Upper	
149	100		
91	0.0	57.0	85.4#
206	0.0	18.2	27.4#



#81
 Benzo(a)anthracene
 Concen: 0.042 ng
 RT: 21.69 min Scan# 3165
 Delta R.T. -0.02 min
 Lab File: BG040457.D
 Acq: 12 Apr 2019 12:07

Tgt Ion:	228	Resp:	1024
Ion Ratio	Lower	Upper	
228	100		
226	0.0	22.6	34.0#
229	32.5	16.1	24.1#





#82

3,3'-Dichlorobenzidine

Concen: 0.016 ng

RT: 21.50 min Scan# 3133

Delta R.T. -0.13 min

Lab File: BG040457.D

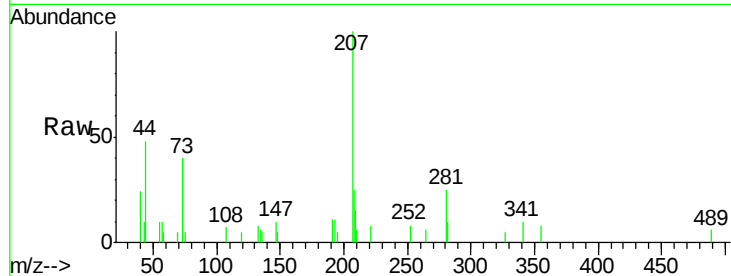
Acq: 12 Apr 2019 12:07

Instrument :

BNA_G

ClientSampleId :

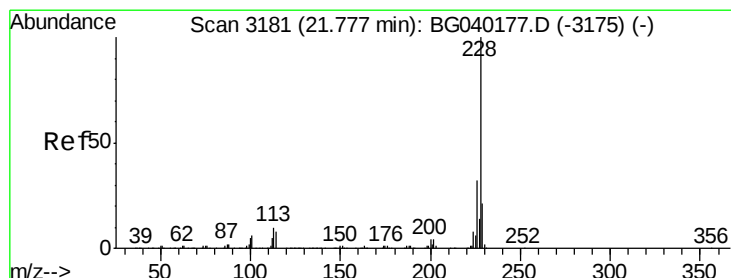
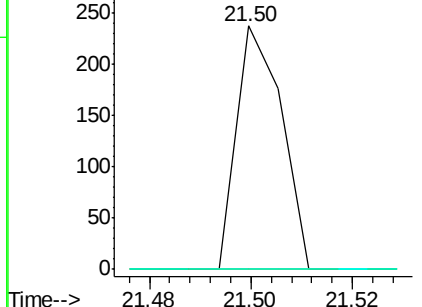
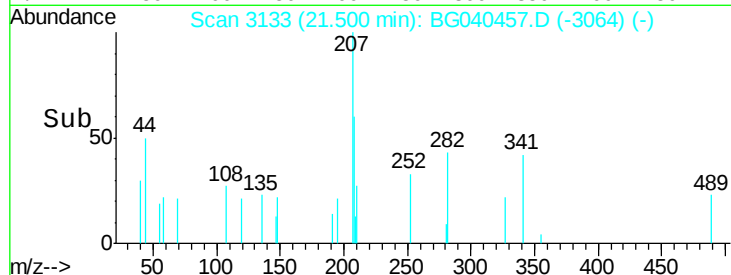
Tot Ion:252	Resp:	146
Ion Ratio	Lower	Upper
252	100	
254	0.0	51.4 77.2#
126	0.0	8.5 12.7#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E



#83

Chrysene

Concen: 0.044 ng

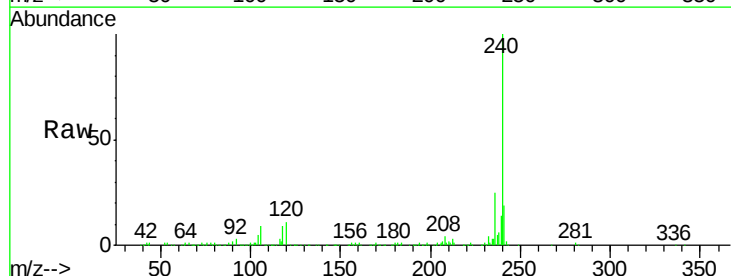
RT: 21.69 min Scan# 3165

Delta R.T. -0.09 min

Lab File: BG040457.D

Acq: 12 Apr 2019 12:07

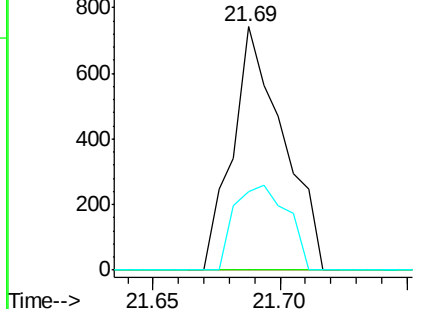
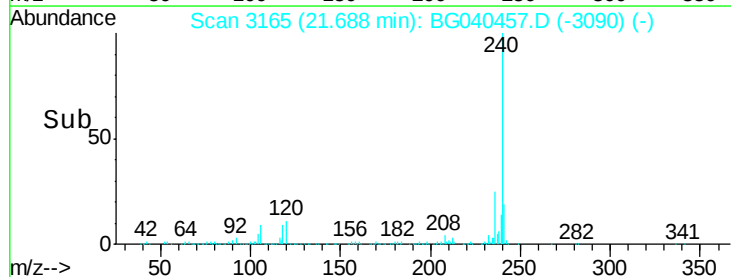
Tgt Ion:228	Resp:	1024
Ion Ratio	Lower	Upper
228	100	
226	0.0	25.4 38.0#
229	32.5	17.0 25.4#

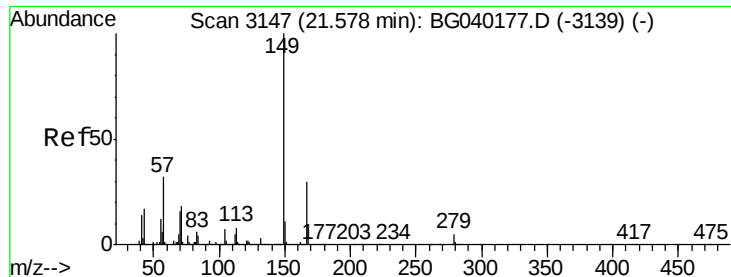


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#84

Bis(2-ethylhexyl)phthalate

Concen: 0.021 ng

RT: 21.56 min Scan# 3143

Delta R.T. -0.02 min

Lab File: BG040457.D

Acq: 12 Apr 2019 12:07

Instrument :

BNA_G

ClientSampleId :

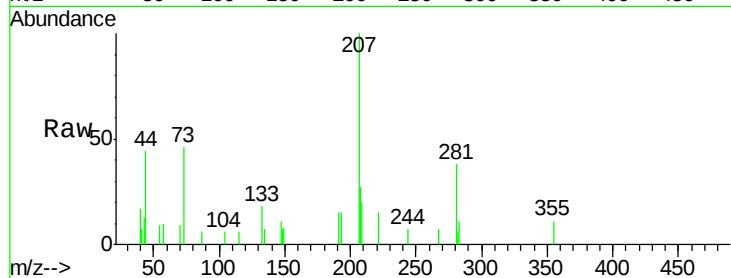
Tot Ion:149 Resp: 326

Ion Ratio Lower Upper

149 100

167 0.0 24.1 36.1#

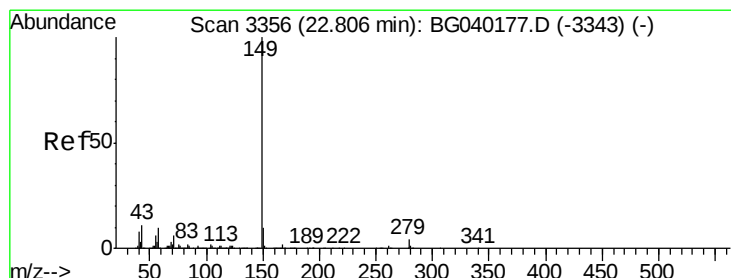
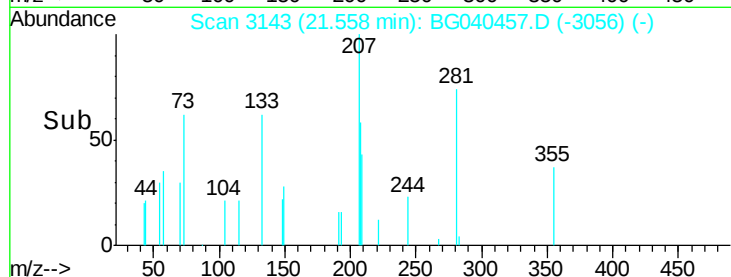
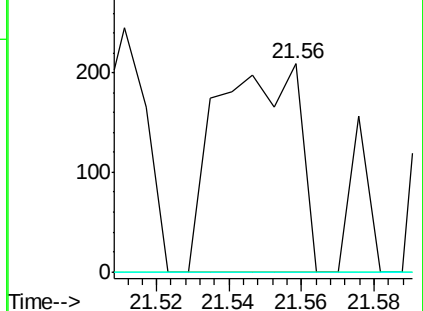
279 0.0 4.1 6.1#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#85

Di-n-octyl phthalate

Concen: 0.006 ng

RT: 22.76 min Scan# 3348

Delta R.T. -0.04 min

Lab File: BG040457.D

Acq: 12 Apr 2019 12:07

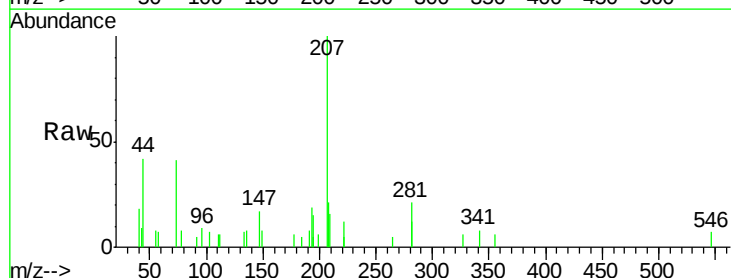
Tgt Ion:149 Resp: 148

Ion Ratio Lower Upper

149 100

167 0.0 1.4 2.0#

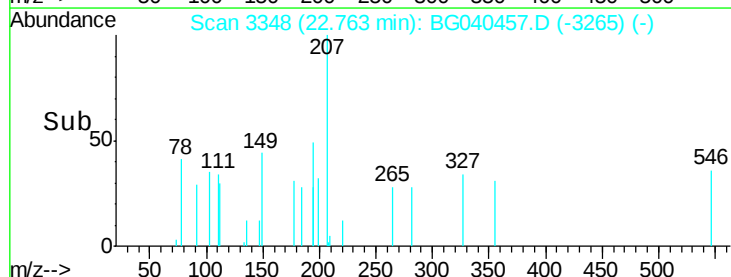
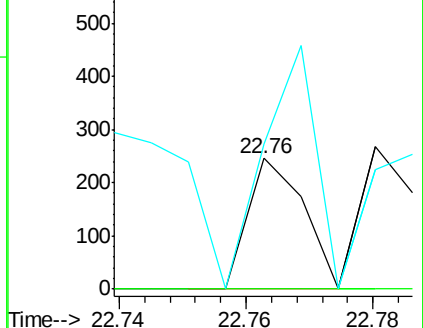
43 173.6 8.7 13.1#

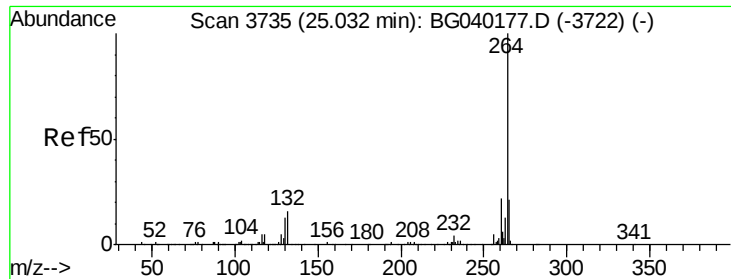


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BG





#87

Pervlene-d12

Concen: 20.000 ng

RT: 24.97 min Scan# 3724

Delta R.T. -0.06 min

Lab File: BG040457.D

Acq: 12 Apr 2019 12:07

Instrument :

BNA_G

ClientSampled :

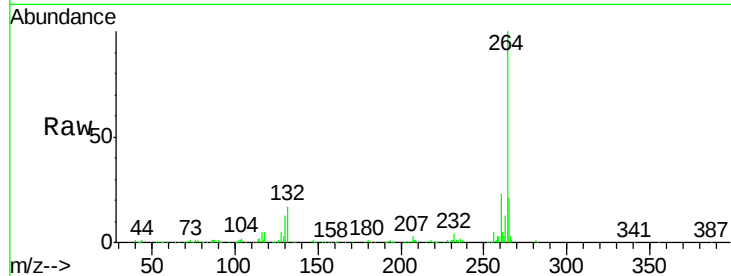
Tot Ion:264 Resp: 382455

Ion Ratio Lower Upper

264 100

260 23.4 17.9 26.9

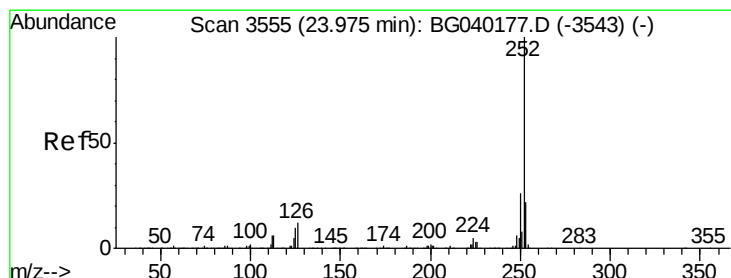
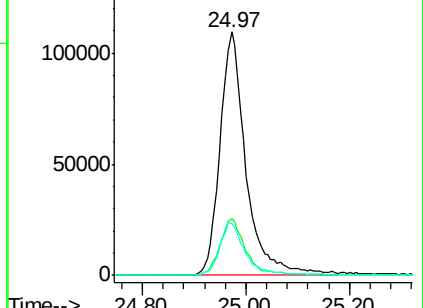
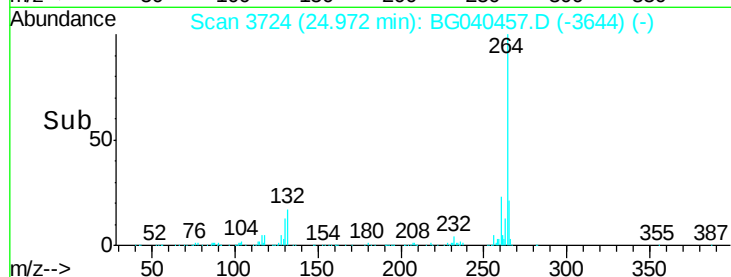
265 21.2 16.8 25.2



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 0.002 ng

RT: 23.96 min Scan# 3552

Delta R.T. -0.01 min

Lab File: BG040457.D

Acq: 12 Apr 2019 12:07

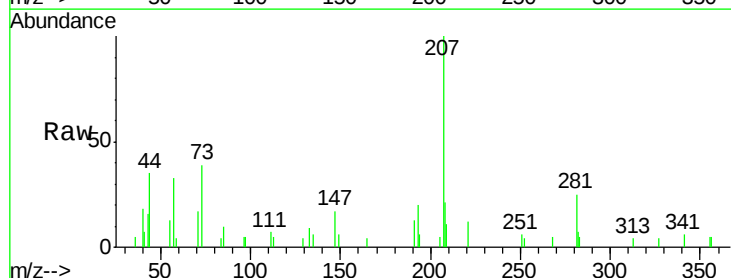
Tgt Ion:252 Resp: 54

Ion Ratio Lower Upper

252 100

253 0.0 17.6 26.4#

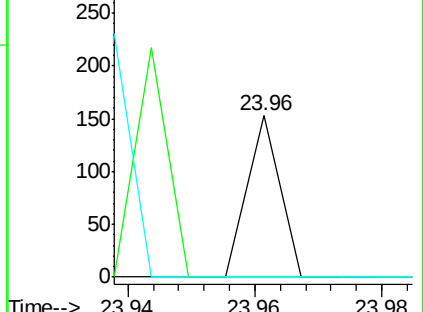
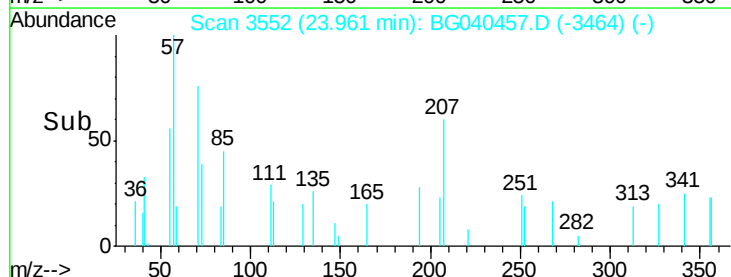
125 0.0 8.2 12.4#

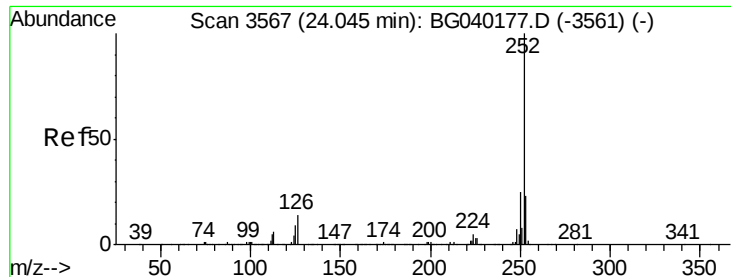


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

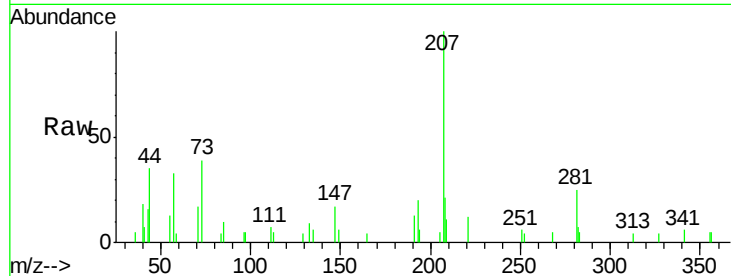




#89
Benzo(k)fluoranthene
Concen: 0.003 ng
RT: 23.96 min Scan# 3552
Delta R.T. -0.08 min
Lab File: BG040457.D
Acq: 12 Apr 2019 12:07

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
252	100		
253	0.0	18.6	28.0#
125	0.0	7.3	10.9#

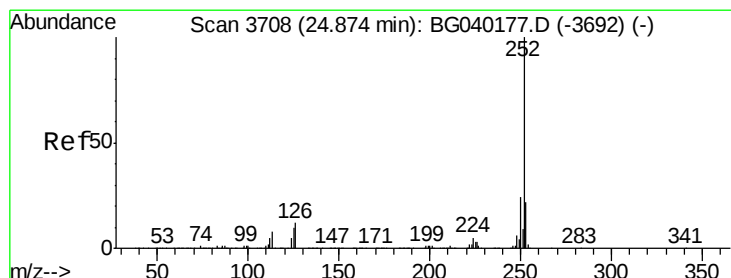
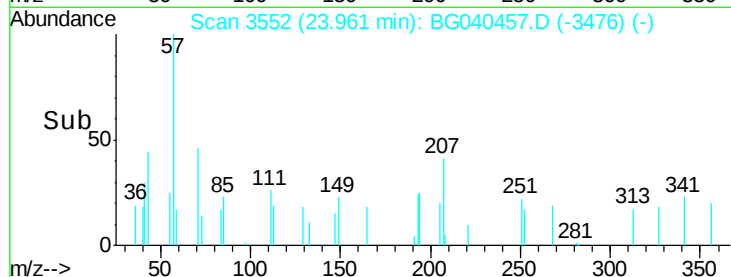
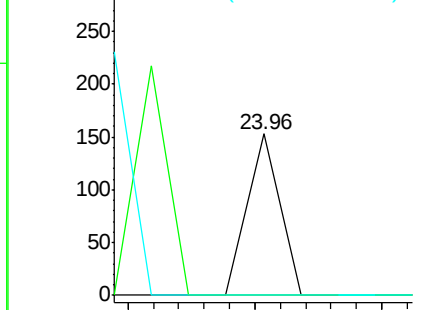


Abundance

Ion 252.00 (251.70 to 252.70): E

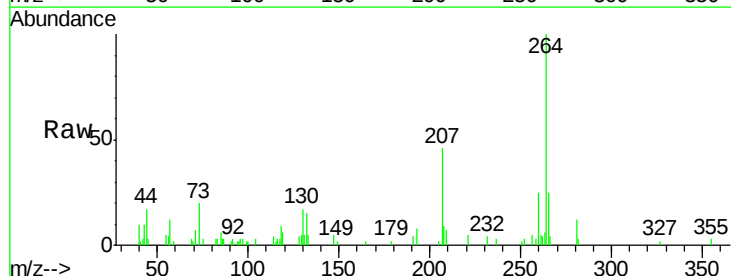
Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90
Benzo(a)pyrene
Concen: 0.006 ng
RT: 24.92 min Scan# 3716
Delta R.T. 0.05 min
Lab File: BG040457.D
Acq: 12 Apr 2019 12:07

Tgt Ion	Ratio	Lower	Upper
252	100		
253	0.0	17.8	26.8#
125	0.0	8.3	12.5#

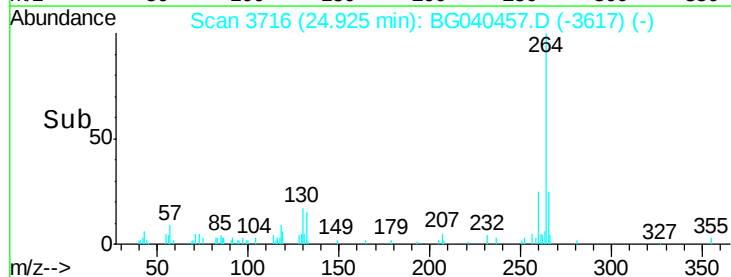
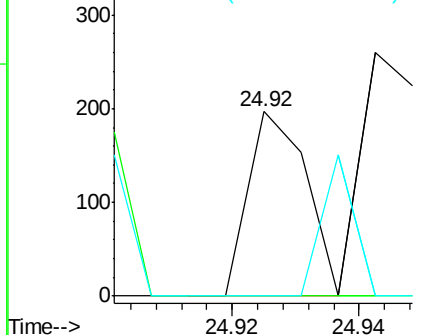


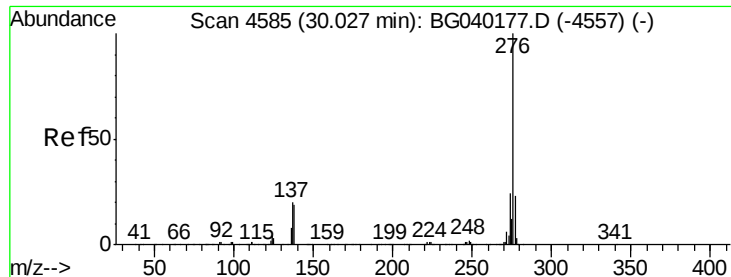
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

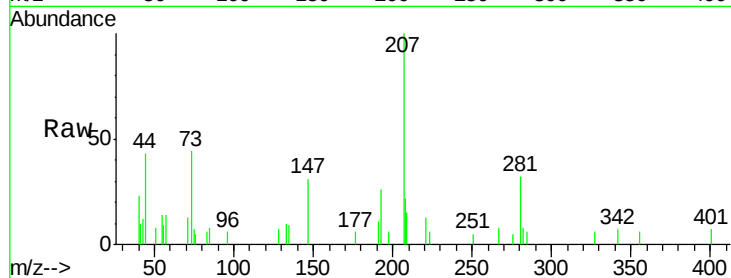




#92
 Benzo(a,h,i)perylene
 Concen: 0.003 ng
 RT: 29.92 min Scan# 4567
 Delta R.T. -0.10 min
 Lab File: BG040457.D
 Acq: 12 Apr 2019 12:07

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
276	100		
277	0.0	18.6	28.0
138	0.0	15.2	22.8



Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

